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**FIREDOC VOCABULARY LIST, 2nd EDITION**

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April 1987

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## INTRODUCTION

The Fire Research Information Services (FRIS) started in 1971. It is a broad-based collection of over 25,000 fire research items, emphasizing the national and international report literature, geared toward the programmatic needs of the Center for Fire Research. FIREDOC is the on-line bibliographic database of this collection.

The FIREDOC Vocabulary List is now in its second edition. It reflects the FRIS holdings and the keywords are geared towards the needs of the users of this collection. The vocabulary was originally used to develop a small fire safety database for NASA/ASRDI (Aerospace Safety Research and Data Institute). A vocabulary list is a changing document, reflecting new research interests at the national and international levels. The printed version is intended to be useful for computerized searching and classification purposes, but it will not necessarily be identical with the FIREDOC vocabulary. The keywords in the database always will reflect new additions to the collection or shifts in the acceptance and/or usage of technical concepts.

To assist in the use of the List, we have expanded upon the symbol notations and chemical compounds. If you have any comments about the content or philosophy of the List, please contact the author.

## SYMBOL NOTATION

The symbols which precede some of the words mean:

- \*USE - The user is referred to the preferred term indicated. The keyword with an asterisk (\*) is NOT used.
- UF - Used For. The term at the main entry is to be used for any keyword listed below this notation.
- # - refer to the generic term. If appropriate, use a more specific keyword. However, the keyword may be used if it is the best one for the document.
- RT - Related Term. The listed keyword(s) are conceptually different.
- SA - See Also. The listed keyword(s) bear a close relationship to one another.
- BT - Broader Term. The keyword(s) represent a generically broader class than the main keyword.
- NT - Narrower Term. It is the reverse meaning of 'BT'.

All keywords are in natural language format. On occasion it has been necessary to differentiate the subtle meanings of one or more keywords. This has been accomplished by embedding a descriptive term in parentheses.

#### CHEMICAL COMPOUNDS

Use the standard (Chemical Abstracts) compound name when the name is 33 characters or less.

When there is a common abbreviation, enter the abbreviation but USE the full name.

Use an abbreviated form of a compound name that exceeds 33 characters in length. If there is no standard abbreviation, submit the name to Chemical Abstracts where one may be provided.

#### ACKNOWLEDGEMENTS

Richard D. Peacock's contribution of writing the computer programs for this document is gratefully acknowledged. Without them, this document would not have been possible.



Terms Beginning With A

AATCC 34-1966

AATCC 34-1969

ABANDONMENT

ABEL FLASH POINT APPARATUS

ABLATION

\*ABLATION HEAT  
USE HEAT OF ABLATION

ABLATIVE MATERIALS

ABNORMAL PSYCHOLOGY

ABRASION RESISTANCE

ABRASION RESISTANT COATINGS

\*ABRASIVE COATINGS  
USE ABRASIVES

ABRASIVES

ABS PLASTICS

\*ABSOLUTE GRAVITY  
USE GRAVITY

ABSORBERS (EQUIPMENT)

ABSORBERS (MATERIALS)

ABSORPTANCE

#ABSORPTION

\*ABSORPTION COEFFICIENT  
USE ABSORPTIVITY

\*ABSORPTION HEAT  
USE HEAT OF ABSORPTION

\*ABSORPTIVE INDEX  
USE ABSORPTIVITY

ABSORPTIVITY

ACCELERANTS

ACCEPTABILITY

\*ACCEPTANCE  
USE ACCEPTABILITY

\*ACCEPTANCE INSPECTION  
USE VERIFICATION INSPECTION

\*ACCEPTANCE SAMPLING  
USE ACCEPTABILITY AND SAMPLING

ACCEPTANCE TESTS  
SA ACCEPTABILITY

\*ACCIDENT ANALYSES  
USE ACCIDENT INVESTIGATIONS

ACCIDENT INVESTIGATIONS

ACCIDENT PREVENTION

ACCIDENT PRONENESS

ACCIDENT STATISTICS

ACCIDENTS

ACCOMMODATION COEFFICIENTS

ACCURACY

ACETAL COMPOUNDS

ACETALDEHYDE

ACETALS

ACETATES

\*ACETATION  
USE ACETYLATION

ACETIC ACID

ACETONE

ACETYLATION	ADIABATIC EXPLOSIONS
ACETYLENE	ADIABATIC FLAMES
ACID RESISTANCE	ADIABATIC FLOW
#ACIDS	ADIABATIC HEATING
*ACOUSTIC COMBUSTION USE COMBUSTION STABILITY	ADSORPTION
ACOUSTIC PROPERTIES	*ADSORPTION HEAT USE HEAT OF ADSORPTION
ACOUSTIC SENSORS	ADSORPTIVITY
ACROLEINS	ADULTS
ACRYLAMIDES	ADVECTION
ACRYLATES	AERIAL EXPLOSIONS
ACRYLIC RESINS	AERIAL PHOTOGRAPHS
ACRYLICS	AERODYNAMIC HEAT TRANSFER
*ACRYLONITRILE-BUTADIENE-STYRENE USE ABS PLASTICS	AERODYNAMIC HEATING
ACRYLONITRILES	AERODYNAMICS
ACTIVATED CARBON	AEROELASTICITY
ACTIVATION ENERGY	AEROGELS
*ACTIVATION HEAT USE ACTIVATION ENERGY	AEROSOL AGGLOMERATION
ACUTE TOXICITY	AEROSOL COAGULATION
ADD ON	AEROSOL GENERATORS
ADDITION RESINS	AEROSOLS
ADDITIVES	AEROSPACE ACCIDENTS
ADHESION	AEROSPACE ENGINEERING
ADHESIVES	AEROSPACE ENVIRONMENTS
ADIABATIC COMPRESSION	*AEROSPACE GROUND EQUIPMENT USE GROUND SUPPORT EQUIPMENT



AEROSPACE INDUSTRY	*AIR BLASTS USE AERIAL EXPLOSIONS
AEROSPACE MEDICINE	AIR CIRCULATION
*AEROTHERMOCHEMISTRY USE AEROTHERMODYNAMICS AND THERMOCHEMISTRY	AIR CLEANING SYSTEMS
AEROTHERMODYNAMICS	AIR COMPRESSORS
AEROTHERMOELASTICITY	AIR CONDITIONING
AEROZINES	AIR CONDITIONING EQUIPMENT
AEROZINE 50 SA UNSYMMETRICAL DIMETHYLHYDRAZINE	AIR CONDUCTIVITY
*AFTERBURNERS USE AFTERBURNING	*AIR CONTENT USE AIR ENTRAINMENT
AFTERBURNING	AIR CURRENTS
*AFTERCOOLERS USE COOLERS	AIR CURTAINS
AFTERGLOWS	AIR DUCTS
AFTERWINDS	AIR ENTRAINMENT
AGENDA ROCKET VEHICLES	AIR FLOW
#AGENTS	*AIR-FUEL RATIO USE FUEL-AIR RATIO
AGGLOMERATES	*AIR-GAS MIXTURES USE GAS-AIR MIXTURES
AGGREGATES RT CONCRETES	AIR INFLATED STRUCTURES
AGING (MATERIALS)	AIR LEAKAGE
AGING (METALLURGY)	AIR MOVEMENT
AGRICULTURAL PRODUCTS	AIR POLLUTION
AGRICULTURE	AIR POLLUTION CONTROL EQUIPMENT
AIR	AIR PURIFICATION
	AIR SAMPLING
	*AIR SPEED USE AIR VELOCITY

AIR SUPPORTED STRUCTURES

AIR TANKERS

AIR TEMPERATURE

AIR TIGHTNESS

AIR TRAFFIC CONTROL

AIR TURBULENCE

AIR VELOCITY

AIRBORNE COMPUTERS

AIRBORNE EQUIPMENT

#AIRCRAFT

AIRCRAFT ACCIDENTS

\*AIRCRAFT BREATHING APPARATUS  
USE BREATHING APPARATUS

\*AIRCRAFT CABINS  
USE AIRCRAFT COMPARTMENTS

AIRCRAFT CARRIERS

AIRCRAFT COLLISIONS

AIRCRAFT COMPARTMENTS

AIRCRAFT CRASH EQUIPMENT

AIRCRAFT ENGINE OILS

AIRCRAFT ENGINES

AIRCRAFT FIRES

AIRCRAFT FUEL SYSTEMS

AIRCRAFT FUEL TANKS

AIRCRAFT FUELS

AIRCRAFT HANGERS

AIRCRAFT HAZARDS

AIRCRAFT HYDRAULIC FLUIDS

AIRCRAFT HYDRAULIC SYSTEMS

AIRCRAFT INTERIORS

AIRCRAFT LANDING

AIRCRAFT PANELS

AIRCRAFT PERFORMANCE

AIRCRAFT REPAIR

AIRCRAFT RESCUE

AIRCRAFT SAFETY

AIRCRAFT STRUCTURES

AIRFRAMES

\*AIR PERMEABILITY  
USE PERMEABILITY

AIRMAT

AIRPORTS

AIRWORTHINESS

ALARM RESPONSES

\*ALARM SYSTEMS  
USE FIRE ALARM SYSTEMS

ALCOHOL INTOXICATION

ALCOHOLS

ALDEHYDES

ALGORITHMS

ALIPHATIC ACIDS

ALIPHATIC COMPOUNDS

ALKALI CHLORATES

ALKALI HALIDES

#ALKALI METAL COMPOUNDS

ALKALI METAL SALTS

ALKALI METALS

ALKALI PEROXIDES

ALKALI SILICATES

ALKALINE EARTH METALS

ALKANES

ALKENES

ALKENYL RESINS

ALKYD RESINS

ALKYL ESTERS

\*ALKYL HALIDES  
USE HALOKANES

ALKYLATION

ALKYNES

ALLERGIC SENSITIVITY

#ALLOYS

ALPHA CELLULOSE

ALTITUDE

ALUMINIZED FABRICS

ALUMINUM

ALUMINUM ALLOYS

ALUMINUM CHLORIDES

ALUMINUM COMPOUNDS

ALUMINUM HYDRIDES

ALUMINUM NITRATES

ALUMINUM OXIDES

ALUMINUM PERCHLORATES

ALUMINUM SILICATES

ALUMINUM SULFATES

AMAL TYPE FLAME ARRESTORS

AMBULANCES

AMBULATORY PEOPLE

AMIDES

AMINES

AMINO BENZENES

AMINO RESINS

AMMONIA

AMMONIUM BROMIDES

AMMONIUM CHLORIDES

AMMONIUM COMPOUNDS

AMMONIUM DIHYDROGEN PHOSPHATE

AMMONIUM NITRATES

AMMONIUM PERCHLORATES

AMMONIUM PHOSPHATES

AMMONIUM SULFAMATES

AMMONIUM SULFATES

AMMUNITION

AMUSEMENT FACILITIES	APARTMENTS
ANALOG COMPUTERS	APO-THPC
#ANALYSES	APOLLO PROJECT
ANALYTICAL STUDIES	APOLLO SPACECRAFT
ANECHOIC CHAMBERS	APOLLO 204
ANEMOMETERS	*APPARATUS USE EQUIPMENT
ANESTHETIC GASES	*APPAREL USE GARMENTS
ANHYDROGLUCOSES	
ANHYDROUS FUELS	APPLIANCES
ANIDE (TRADEMARK)	APPLICATION DENSITIES
ANIMALS	APPLICATION RATE
ANILINE	AQUEOUS FILMS
ANOXIA	AQUEOUS FOAMS
ANSI A17.1 SA ELEVATORS (LIFTS)	ARAMIDS
ANSI A119.1	*ARC IMAGING FURNACE USE ELECTRIC ARC FURNACES
ANSI Z88.5 SA BREATHING APPARATUS	ARC LAMPS
ANTIFOAMING AGENTS	ARCHITECTS
ANTIFREEZES	ARCHITECTURE
ANTIICING ADDITIVES	ARGON
ANTIMISTING FUELS	ARMORED PERSONNEL CARRIERS
ANTIMONY COMPOUNDS	AROMATIC ALCOHOLS
ANTIMONY OXIDES	*AROMATIC BROMIDES USE AROMATIC COMPOUNDS
ANTISMOKE EQUIPMENT	AROMATIC COMPOUNDS
ANTISOCIAL BEHAVIOR	AROMATIC NYLON



ARSON	ASTM E162
ARSON LABORATORY	ASTM E906
ARSONISTS	ASTRO VELCRO
ART GALLERIES	ATMOSPHERE CONTAMINATION CONTROL
ARTIFICIAL INTELLIGENCE	*ATMOSPHERE POLLUTION USE AIR POLLUTION
*ARTIFICIAL RESPIRATION USE RESUSCITATION	#ATMOSPHERES
ASA-3 FUEL ADDITIVE	ATMOSPHERIC COMPOSITION
ASBESTOS	ATMOSPHERIC CONDENSATION
ASBESTOS CEMENT BOARD	ATMOSPHERIC CONVECTION
ASHES	*ATMOSPHERIC IMPURITIES USE AIR POLLUTION
ASPHALT	ATMOSPHERIC PRESSURE
ASPHYXIA	ATMOSPHERIC TRANSMISSIVITY
#ASSEMBLIES	ATMOSPHERIC TURBULENCE
ASSESSMENTS	ATOMIC STRUCTURE
ASTM D635	*ATOMIZATION USE ATOMIZING
ASTM D757	ATOMIZERS
ASTM D1689	ATOMIZING
ASTM D1692	ATRIUMS
ASTM D2843	ATTENUATION
ASTM D2859	ATTITUDE (INCLINATION)
ASTM D2863	ATTITUDES
ASTM E69	AUDIOVISUAL COMMUNICATIONS
ASTM E84	AUDITORY PERCEPTION
ASTM E119	
ASTM E152	



AUDITORY STIMULATION

AUTISM

\*AUTO-OXIDATION  
USE AUTOXIDATION

AUTOCATALYTIC REACTIONS

AUTOIGNITION

AUTOIGNITION TEMPERATURE

AUTOIGNITION TEMPERATURE TESTS

AUTOMATIC DATA PROCESSING

\*AUTOMATIC DETECTORS  
USE FIRE DETECTORS

AUTOMOBILE ACCIDENTS

AUTOMOBILE FIRES

AUTOMOBILES

AUTOMOTIVE FUELS

AUTOPSY

AUTOXIDATION

AV GAS

AV GAS 115/145

\*AV PIN  
USE JET FUELS

\*AV TAG  
USE JP-4 JET FUEL

\*AV TUR  
USE JP-1 JET FUEL

\*AVCAT  
USE AIRCRAFT FUELS

AVCERAM RS

\*AVIATION FUELS  
USE AIRCRAFT FUELS

\*AVIATION MEDICINE  
USE AEROSPACE MEDICINE

AXIAL FLOW

AXISYMMETRIC JETS

AZIDES (ORGANIC)

Terms Beginning With B

B-25 AIRCRAFT	BECKMAN GC-4 GAS CHROMATOGRAPH
B-58 AIRCRAFT	BEDDING
BACKFIRES	BEDROOMS
BAFFLES	BEDS (FURNITURE)
*BAKING SODA USE SODIUM BICARBONATE	BEHAVIOR
BALANCE BEAMS	BEHAVIOR MODELS
BALL BEARINGS	BELLS
BANKS (BUILDINGS)	BELT CONVEYORS
BAREX (TRADEMARK)	BELTS
BARGES	BENDING
BARIUM	BENZENE
BARIUM CHLORIDES	BENZENESULFONIC ACID
BARNs	BENZHYDRYLATION
BARRIER ANALYSIS	BENZONITRILE
BARRIERS	BENZYL ALCOHOLS
BASE HEATING	BERTHING COMPARTMENTS SA SHIPS
BASES (CHEMICAL)	BERYLLIUM
BASIC (PROGRAMMING LANGUAGE)	BERYLLIUM HYDRIDE
*BATTERIES USE ELECTRIC BATTERIES	BETA FIBERGLAS
BATTING	BIBLIOGRAPHIES
*BCF USE BROMOCHLORODIFLUOROMETHANE SA HALON 1211	BIMOLECULAR REACTIONS
#BEAMS	BINDERS
BEARINGS	BIODEGRADABILITY
	#BIOLOGY

BIOT METHOD

BIPHENYL

\*BIPROPELLANTS

USE LIQUID ROCKET PROPELLANTS

BISMUTH

BITUMENS

BLACK BODY

BLADDER FUEL TANKS

BLANKETS

BLAST EFFECTS

BLAST HAZARDS

BLAST INJURIES

BLAST PRESSURES

BLAST RESISTANT STRUCTURES

BLASTS

BLEACHING AGENTS

BLENDS (FIBERS)

BLEVE

BLINDNESS

BLISTERS

BLOCKING

BLOOD

BLOOD PRESSURE

BLOW OUT VELOCITY

BLOW TORCHES

BLOWOFF

BLOWOUT FIRES

BLUNT BODIES

BOARD AND CARE HOMES

BOARDS

BOATS

BOEING 707 AIRCRAFT

BOEING 727 AIRCRAFT

BOEING 737 AIRCRAFT

BOEING 747 AIRCRAFT

BOILERS

\*BOILING LIQUID EXPANDING VAPOR  
EXPLOSION  
USE BLEVE

BOILING POINT

BOLOMETERS

BOMB FUSES

BOMBS (ORDNANCE)

BONDING

#BONDS

BOOSTERS

BOOTS

BORANES

BORAX

BORIC ACID

BORON

BORON COMPOUNDS	*BROMOCHLOROMETHANE USE CHLOROBROMOMETHANE SA HALON 1011
BORON NITRIDES	BROMOCHLOROTRIFLUOROETHANE SA HALOTHANE
BOUNDARY LAYER COMBUSTION	BROMOETHANE
BOUNDARY LAYERS	BROMOFORM
BOUSSINESQ APPROXIMATION	BROMOMETHANES
*BOYLES LAW USE IDEAL GAS LAW	BROMOTRIFLUOROMETHANE SA HALON 1301
*BRANCH LINE USE SPRINKLER SYSTEMS	BROWIAN MOTION
*BRANCH PIPES USE NOZZLES	BRUSH FIRES
BRANCHED CHAIN EXPLOSIONS	BS 229
BRANCHED CHAIN REACTIONS	BS 476
BRAZIL	BS 3116
BREAKAWAY VALVES	BS 4735
#BREATHING	*BTM USE BROMOTRIFLUOROMETHANE SA HALON 1301
BREATHING APPARATUS	BUBBLES
BREEDER REACTORS	#BUDGETS
BRICKS	*BUILDING USE CONSTRUCTION
BRIDGES (STRUCTURES)	BUILDING BOARDS
BROMINATED EPOXY RESINS	BUILDING CODES
BROMINATION	BUILDING COLLAPSE
BROMINE	BUILDING CONSTRUCTION
BROMINE COMPOUNDS	BUILDING DESIGN
BROMOCHLORODIFLUOROMETHANE SA HALON 1211	BUILDING FIRES

BUILDING MANAGEMENT

BUILDING MATERIALS  
SA CONSTRUCTION MATERIALS  
INTERIOR FINISHES

BUILDING PAPERS

#BUILDINGS

BULK HANDLING

BULK STORAGE

BULKHEADS

BUOYANCY

BUOYANT FLOW

BUOYANT PLUMES

BURN THERAPY

BURNERS

\*BURNING  
USE COMBUSTION

\*BURNING INHIBITION  
USE COMBUSTION INHIBITION

\*BURNING PROCESS  
USE COMBUSTION

BURNING RATE

BURNING TIME

BURNING VELOCITY

BURNOUT

BURNS (INJURIES)

BURNTHROUGH (FAILURE)

BURSTING

BUSES

BUTADIENE

BUTANES

BUTENES

BUTLER CHIMNEY TEST

BUTYL ALCOHOL



Terms Beginning With C

C-5 AIRCRAFT

C-46 AIRCRAFT

C-82 AIRCRAFT

C-97 AIRCRAFT

C-130 AIRCRAFT

C-131 AIRCRAFT

C-135 AIRCRAFT

C-141 AIRCRAFT

CAB-O-SIL

CABIN ATMOSPHERES

#CABINS

CABLE TRAYS

CABLES

CALCIUM

CALCIUM BORATES

CALCIUM CARBONATE

CALCIUM OXIDES

CALCIUM SILICATE

\*CALCULATING  
USE COMPUTATION

\*CALCULATION  
USE COMPUTATION

CALCULATORS

CALIBRATING

CALORIMETERS

CALORIMETRY

CAMERAS

CANDLES

CAPACITANCE

CAPACITANCE SPARKS

CAPACITORS

CAPILLARY FLOW

CARBIDES

CARBOHYDRATES

CARBON

CARBON COMPOUNDS

\*CARBON DEPOSITS  
USE COMBUSTION DEPOSITS

CARBON DIOXIDE

CARBON DIOXIDE LASER IGNITION

CARBON DISULFIDE

CARBON MONOXIDE

CARBON SULFIDES

CARBON TETRABROMIDE

CARBON TETRACHLORIDE

CARBON TETRAFLUORIDE

CARBON 13

CARBONIZATION

CARBONYL COMPOUNDS

CARBOXYHEMOGLOBIN

CARBOXYLIC ACIDS

CARBURETORS	CELLULAR STRUCTURE
CARD GAP TEST	CELLULOSE ACETATE
CARDIAC EFFECTS	CELLULOSE NITRATE
CARGO SHIPS	CELLULOSE
CARGO SPACE	CELLULOSIC FUELS
CARPET UNDERLAYS	CELLULOSIC MATERIALS
CARPETS	*CELLULOSICS
#CARRIERS	USE CELLULOSIC MATERIALS
#CARS	CEMENTS
CASE BONDED PROPELLANTS	CENTRAL NERVOUS SYSTEM
CASE HISTORIES	CENTRIFUGAL PUMPS
*CASE STUDY	CENTRIFUGES
USE CASE HISTORIES	CERAMIC COATINGS
CASUALTIES	CERAMIC NUCLEAR FUELS
CATALOGING	CERAMICS
CATALYSIS	CEREBRAL PALSY
CATALYSTS	CERTIFICATION
CATALYTIC COMBUSTION	CH-47 HELICOPTER
CATALYTIC OXIDATION	*CHAIN BRANCHING
*CAVITATION	USE BRANCHED CHAIN REACTIONS
USE CAVITATION FLOW	CHAIN BREAKING
CAVITATION FLOW	CHAIN CARRIERS
CEILING HEIGHT	CHAIN INITIATION
CEILINGS	CHAIN REACTIONS
CELLULAR MATERIALS	CHAIRS
CELLULAR PLASTICS	#CHAMBERS

CHANNEL FIRE TEST	*CHEMICAL EXTINGUISHERS
CHAPMAN-JOUGET FLAME	USE FIRE EXTINGUISHERS
CHAPMAN-JOUGET THEORY	CHEMICAL FIRE FIGHTING
CHAR	CHEMICAL FIXATION
CHAR DEPTH	CHEMICAL FOAMS
CHAR FORMATION	CHEMICAL INHIBITION
CHAR LENGTH	*CHEMICAL KINETICS
CHAR STRENGTH	USE REACTION KINETICS
CHARACTERIZATION	CHEMICAL MIXING
CHARCOAL FILTERS	CHEMICAL PLANTS
CHARGED PARTICLES	CHEMICAL PROPERTIES
#CHARGES	#CHEMICAL REACTIONS
CHARRING	CHEMICAL REACTORS
CHARTS	CHEMICAL STABILITY
CHBA (GELLING AGENT)	CHEMICAL WARFARE
CHECK VALVES	CHEMILUMINESCENCE
CHEMICAL AGENTS	CHEMISORPTION
CHEMICAL ANALYSIS	#CHEMISTRY
CHEMICAL BONDS	CHEMONUCLEAR PROPULSION
CHEMICAL BURNS	CHEMOTHERAPY
CHEMICAL CHAIN REACTIONS	CHEMOX (TRADENAME)
CHEMICAL COMPOSITION	CHILDREN
CHEMICAL ENGINEERING	RT FEMALES
CHEMICAL EQUILIBRIUM	HUMAN BEINGS
CHEMICAL EXPLOSIONS	MALES
	CHILDRENS DRESSES
	CHILDRENS SLEEPWEAR

*CHIMNEY EFFECTS USE STACK EFFECT	CINDERS
CHIMNEYS	CINEMATOGRAPHY
CHIPBOARD	CIRCUIT BREAKERS
CHLORIDES	CIRCUIT PROTECTION
CHLORIDE SALTS	#CIRCUITS
CHLORINATION	CIRCULAR CYLINDERS
CHLORINE	CIRCULATION
CHLORINE COMPOUNDS	CIRCULATORY SYSTEM
CHLORINE DIOXIDE	CIVIL DEFENSE
CHLORINE FLUORIDES	CIVIL DISTURBANCES
CHLORINE OXIDES	CIVIL TRANSPORT
CHLORIORETINAL BURNS	CLADDING
CHLOROBROMETHANE SA HALON 1011	CLASS A FIRES
CHLOROFORM	CLASS B FIRES
*CHLOROMETHANE USE METHYL CHLORIDES	CLASS C FIRES
CHLOROPENTAFLUOROETHANE SA HALON 251	CLASS D FIRES
CHLOROPRENE	#CLASSIFICATIONS
CHLOROSULFONIC ACID	CLATHRATES
CHLOROTRIFLUOROETHYLENE	CLEAN ROOM FIRES
CHROMATOGRAPHY	*CLEAN-UP USE CLEANING
*CHRONOLOGY USE HISTORIES	CLEANING
CIGARETTE TEST METHOD	CLEANING AGENTS
CIGARETTES	CLIMATE
	CLOSED ECOLOGICAL SYSTEMS



CLOSED LOOP BREATHING APPARATUS

\*CLOTH  
USE FABRICS

CLOTHES DRIERS

CLOTHING

CLOTHING BURNS

CLOTHING FIRES

COAGULATION

COAL

COAL DUSTS

COAL MINES

COAL STORAGE

COAL TAR DISTILLATES

\*COATED ABRASIVES  
USE ABRASIVES

\*COATING MATERIALS  
USE COATINGS

COATING PROCESSES

\*COATING TYPES  
USE COATINGS

COATINGS

COAXIAL CABLES

COBALT ALLOYS

\*CODES (STANDARDS)  
USE STANDARDS

CODING

#COEFFICIENTS

COGNITION

COHESION

COLD SURFACES

\*COLLEGES  
USE UNIVERSITIES

COLLISION AVOIDANCE

#COLLISIONS

COLLOIDAL PROPELLANTS

COLLOIDS

COLOR

COLORLED NOMEX FABRICS

COLUMNS

COMBUSTIBILITY

COMBUSTIBLE LIQUIDS

COMBUSTIBLE MATERIALS  
SA FLAMMABLE MATERIALS

COMBUSTIBLE SOLIDS  
SA FLAMMABLE SOLIDS

COMBUSTIBLE SYSTEMS

COMBUSTIBLES

COMBUSTION

COMBUSTION AEROSOLS

COMBUSTION CHAMBERS

\*COMBUSTION CHARACTERISTICS  
USE COMBUSTION

COMBUSTION CHEMISTRY

COMBUSTION CONTROL

COMBUSTION DEPOSITS



COMBUSTION EFFICIENCY	COMBUSTION TOXICITY
COMBUSTION ENGINES	COMBUSTION VIBRATION
COMBUSTION GASES	COMBUSTION WAVE VIBRATION
*COMBUSTION HEAT USE HEAT OF COMBUSTION	COMBUSTION WAVES
COMBUSTION INHIBITION	*COMBUSTORS USE COMBUSTION CHAMBERS
COMBUSTION INHIBITORS	COMFORT
*COMBUSTION INSTABILITY USE COMBUSTION STABILITY	COMMERCIAL AIRCRAFT
*COMBUSTION KINETICS USE COMBUSTION	COMMERCIAL AVIATION
COMBUSTION LIMITS	COMMERCIAL BUILDINGS
*COMBUSTION MECHANISMS USE COMBUSTION	*COMMISSION ON FIRE PREVENTION AND CONTROL USE NATIONAL COMMISSION ON FIRE PREVENTION AND CONTROL
COMBUSTION MODELS	COMMUNICATION CABLES
COMBUSTION PHYSICS	COMMUNICATION EQUIPMENT
*COMBUSTION PROCESSES USE COMBUSTION	COMMUNICATION NETWORKS
COMBUSTION PRODUCTS	COMMUNITY DISASTERS
COMBUSTION PROMOTERS	COMMUNITY RELATIONS
*COMBUSTION RATE USE BURNING RATE	COMPARISON
COMBUSTION STABILITY	COMPARTMENT FIRES
*COMBUSTION SUPPRESSION USE FIRE SUPPRESSION	COMPARTMENTS
COMBUSTION TEMPERATURE	COMPATIBILITY
COMBUSTION THEORY	COMPONENT SCREENING
*COMBUSTION TIME USE BURNING TIME	COMPOSITE MATERIALS
	COMPOSITE PROPELLANTS

*COMPOSITES	CONCRETES
USE COMPOSITE MATERIALS	RT AGGREGATES
COMPOSITION (PROPERTY)	CONDENSATION NUCLEI DETECTORS
#COMPOUNDS	CONDENSATION REACTIONS
COMPRESSED AIR	CONDUCTANCE
COMPRESSING	*CONDUCTING
	USE CONDUCTION
*COMPRESSION	#CONDUCTION
USE COMPRESSING	
COMPRESSIVE STRENGTH	CONDUCTIVE HEAT TRANSFER
COMPUTATION	#CONDUCTIVITY
COMPUTER GRAPHICS	CONE CALORIMETERS
COMPUTER MODELS	CONFERENCES
COMPUTER PROGRAMS	#CONFIGURATIONS
COMPUTER TYPOGRAPHY	*CONFLAGRATIONS
	USE FIRES
COMPUTERS	- CONICAL BODIES
*COMPUTING	CONNECTICUT
USE COMPUTATION	CONSERVATION
CONCENTRATES	CONSTANTS
CONCENTRATION (COMPOSITION)	CONSTRUCTION
CONCENTRATION FLUCTUATIONS	#CONSTRUCTION MATERIALS
CONCENTRATION MEASUREMENT	CONSTRUCTION METHODS
CONCENTRATION PROBES	CONSUMER PROTECTION
CONCORDE AIRCRAFT	#CONTAINERS
CONCRETE BLOCKS	CONTAINMENT
CONCRETE DURABILITY	CONTAMINATION
CONCRETE SLABS	CONTINUOUS SENSORS

#CONTROL

CONTROL ROOMS

CONTROLLED ATMOSPHERES

CONTROLLED BURNING

CONVAIR 580 AIRCRAFT

CONVAIR 880 AIRCRAFT

CONVECTION

CONVECTION COUPLING

CONVECTIVE ENERGY

CONVECTIVE FLOW

CONVECTIVE HEAT TRANSFER

\*CONVENTIONS

USE CONFERENCES

CONVEYORS

COOK OFF

COOL FLAMES

COOLANOL 15

COOLANTS

COOLERS

COOLING

COPOLYMERIZATION

COPOLYMERS

COPPER

CORK (MATERIALS)

CORN OIL AEROSOLS

CORNER TESTS

CORNERS

CORRECTIONAL INSTITUTIONS

#CORRELATION

CORRIDOR TESTS

CORRIDOR TESTS, REDUCED SCALE

CORRIDOR TESTS, QUARTER SCALE

CORRIDOR WALL LININGS

CORRIDORS

CORROSION

CORROSION INHIBITION

CORROSION RESISTANCE

COSMETIC PREPARATIONS

COST BENEFIT ANALYSIS

COST BENEFIT RATIOS

COST EFFECTIVENESS

COSTS

COTTON BATTING

COTTON FABRICS

COTTON FIBERS

COUCHES

RT CUSHIONS

PILLOWS

SEATS

COVERALLS

CRACKING (FRACTURING)

CRASH FIRES

CRASH INJURIES	CRYOGENIC FLUID STORAGE
CRASH LANDING	CRYOGENIC FLUIDS
CRASH SENSORS	CRYOGENIC ROCKET PROPELLANTS
CRASH TESTS	*CRYOGENIC TEMPERATURES USE CRYOGENICS
*CRASH VEHICLES USE AIRCRAFT CRASH EQUIPMENT	CRYOGENICS
CRASHWORTHINESS	CRYSTALLINITY
CRATERING	*CRYSTALLIZATION HEAT USE HEAT OF CRYSTALLIZATION
CREEP TESTS	CS-191
CRESOLS	CURING AGENTS
CREOSOTE	CURTAIN WALLS
CRIB BURNING	CURTAINS SA DRAPES
CRIB FIRES	CUSHIONS RT COUCHES PILLOWS SEATS
CRIBS	CYANAMIDES
CRITICAL HEATING PERIOD	CYANIDES
CRITICAL PARAMETERS	CYCLIC COMPOUNDS
CRITICAL PILE SIZE	CYCLIC KETONES
CRITICAL SOURCE ENERGY	CYCLIC SILOXANES
CRITICAL TEMPERATURE	CYCLOHEXANE
*CROPLANDS USE FARMLANDS	CYLINDRICAL BODIES
CROPS	CYCLONES
CROSS CORRELATION	
CROSS POLARIZATION	
CROSSLINKING	
CRYOGENIC EQUIPMENT	



Terms Beginning With D

DACRON

DAMAGE

DAMAGE CONTROL

DAMKOHLER NUMBER

DAMPERS

\*DANGER

USE HAZARDS

DARCY'S LAW

DATA ANALYSIS

DATA EDITING

DATA PROCESSING

\*DATA REDUCTION

USE DATA ANALYSIS

\*DATA STORAGE

USE INFORMATION STORAGE

DATABASES

DC-7 AIRCRAFT

DC-8 AIRCRAFT

DC-9 AIRCRAFT

DEACTIVATORS

DEAFNESS

DEATH

RT MORTALITY

DEBRIS

DEBRIS FIRES

DECABROMODIPHENYL OXIDE

DECANES

DECENES

DECELERATION

DECIBEL LEVELS

DECISION ANALYSIS

DECISION MAKING

DECISION THEORY

DECOMPOSITION

\*DECOMPOSITION HEAT

USE HEAT OF DECOMPOSITION

DECOMPOSITION PRODUCTS

DECOMPOSITION RATE

DECOMPRESSION

DECOMPRESSION CHAMBERS

DECONTAMINATION

DEEPSEATED FIRES

#DEFECTS

#DEFENSE

DEFLAGRATION

DEFORMATION

\*DEGENERATION

USE DEGRADATION

DEGRADATION

\*DEGRADATION PRODUCTS

USE DECOMPOSITION PRODUCTS

DEGRADATIVE ISOMERIZATION

DEGREASING



DEHYDRATION

#DELAY

\*DELAY TIME  
USE TIME LAG

DELPHI METHOD

DELRIN (TRADEMARK)

DELUGE SYSTEMS

DEMAND TYPE APPARATUS  
BT SELF-CONTAINED BREATHING  
APPARATUS

DENSITY EFFECTS

DEPARTMENT STORES

DEPOLYMERIZATION

#DEPOSITS

\*DEPRESSURIZATION  
USE PRESSURE REDUCTION

#DESIGN

DESIGN APPLICATIONS

\*DESIGN OF EXPERIMENTS  
USE EXPERIMENTAL DESIGN

\*DESTRUCTION  
USE LOSSES AND/OR CASUALTIES

#DETECTION

DETECTION TIME

DETECTOR LOCATION

DETECTOR SENSITIVITY

#DETECTORS

DETERGENTS

\*DETERIORATION  
USE DEGRADATION

\*DETERMINATIONS  
USE MEASUREMENT

DETONABILITY LIMITS

DETONABLE GAS MIXTURES

DETONATION

DETONATION TRAPS

DETONATION WAVES

DETONATORS

DEVELOPMENTALLY DISABLED

DEVICE INDEPENDENCE

#DEVICES

\*DIABATIC PROCESSES  
USE HEAT TRANSFER

DIAMETERS

DIAMINES

DIAMINOPHOSPHINYLTRIAZINE

DIAMMONIUM PHOSPHATES

DIAPHRAGMS

DIATOMACEOUS EARTH

DIBORANE

DIBROMODIFLUOROMETHANE  
SA HALON 1202

DIBROMOTETRAFLUOROETHANE  
SA HALON 2402  
SA FLUOBRENE B-2

DICHLORODIFLUOROMETHANE  
SA HALON 122

DICHLOROFLUOROMETHANE

DICHLOROMETHANE

DICHLOROTETRAFLUOROETHANE  
SA HALON 242

DICTIONARIES

DIELECTRIC MATERIALS

DIELECTRIC PROPERTIES

\*DIELECTRIC STRENGTH  
USE DIELECTRIC PROPERTIES

DIENES

DIESEL ENGINES

DIESEL EXHAUST

DIETHYL ETHER

DIETHYL PHOSPHORAMIDATES

#DIFFERENCES

DIFFERENTIAL SCANNING

DIFFERENTIAL THERMAL ANALYSIS

DIFFUSION

DIFFUSION COEFFICIENT

DIFFUSION FLAMES

\*DIFFUSION VELOCITY  
USE DIFFUSION COEFFICIENT

DIFFUSIVITY

DIFLUOROETHYLENE

DIGITAL LINE CAMERAS

DIHYDROXYACETONE

DILATOMETRY

DILUENT GASES

DILUENTS

DILUTION

DIMENSIONAL STABILITY

DIMENSIONLESS NUMBERS

DIMERIZATION

DIMERS

DIMETHYL FURAN

DIMETHYL PHENOL

DIMETHYL PHOSPHORAMIDATES

DIMETHYL PROPAL

DIMETHYL SULFOXIDE

DIMETHYLDIFLUOROSILANE

DIMETHYLHYDRAZINES

DIOXANES

DIOXIMES

DIOXINS

DIP TUBES

DIPHENYL ALKANES

DIPHENYLAMINE

\*DISABLED  
USE HANDICAPPED

DISASTERS

#DISCHARGE

-- D --

DISCHARGE PRESSURE	*DOMESTIC FUELS USE FUEL OILS
DISCHARGE RATE	DOOR CLOSURES
DISCOLORATION	DOORS
DISINTEGRATION	DORMITORIES
DISPATCH	DOSAGE
DISPERSIONS	DOSIMETERS
*DISPERSOIDS USE DISPERSIONS	*DOSIMETRY USE DOSIMETERS
DISPLACEMENT	DOUBLE BASE ROCKET PROPELLANTS
DISPLAY DEVICES	DOW CORNING Q93-029 SILICONE
DISPOSABLES	DOW CORNING 20-103 SEALANT
DISSIPATION	DOW XD-7038.00 RESIN
*DISSIPATORS USE DISSIPATION	DOWNWASH
DISSOCIATION	DOWTHERM (TRADENAME)
DISSOCIATION CONSTANTS	DRAIN-WASTE-VENT SYSTEM
DISSOCIATION ENERGY	DRAPES SA CURTAINS
*DISSOCIATION HEAT USE HEAT OF DISSOCIATION	DRESSES NT CHILDRENS DRESSES
#DISTANCES	*DRIERS USE DRYERS
DISTILLATION	DRILLING NT OFFSHORE DRILLING
DIVING ENVIRONMENTS	#DROP
DOC .FF 3-71	DROP SIZE MEASUREMENTS
*DOCK FIRES USE PIER FIRES	DROP SIZES
*DOCUMENT STORAGE USE RECORDS STORAGE	DROP TESTS

DROPLETS

DROUGHT INDEX

\*DRUG THERAPY  
USE CHEMOTHERAPY

\*DRUGS  
USE MEDICATIONS

\*DRY CHEMICAL AGENTS  
USE DRY CHEMICALS

DRY CHEMICALS

DRY POWDERS

DRY SPRINKLER SYSTEMS

DRYERS

DRYING

DRYING RATE

DUCTS-

DURABILITY

DURABLE PRESS FINISHES

DURETTE FABRICS

DUST

DUST EXPLOSIONS

\*DWELLINGS  
USE RESIDENTIAL BUILDINGS

DYEING

DYES

DYLITE (TRADEMARK)

DYNAFLEX (TRADEMARK)

DYNAMIC CHARACTERISTICS

DYNAMIC PROGRAMMING

\*DYNAMIC PROPERTIES  
USE DYNAMIC CHARACTERISTICS

DYNAMIC STABILITY

DYNAMIC TOXICITY TESTS

#DYNAMICS

DYNATHERM (TRADEMARK)

DYNEL (TRADEMARK)



Terms Beginning With E

EARTH ATMOSPHERE	ELECTRIC ARC FURNACES
*EARTHQUAKE RECORDERS USE SEISMOGRAPHS	ELECTRIC BATTERIES
EARTHQUAKE WARNING SYSTEMS	ELECTRIC CURRENT
EARTHQUAKES	ELECTRIC HEATERS SA HEATERS
EASE OF IGNITION TESTER	ELECTRIC MOTORS
*ECOLOGICAL SYSTEMS USE ECOLOGY	ELECTRIC SPARKS
ECOLOGY	ELECTRIC WIRE
ECONOMIC FACTORS	ELECTRICAL BURNS
ECONOMIC MODELS	ELECTRICAL CABLES
*ECS USE ENVIRONMENTAL CONTROL SYSTEMS	ELECTRICAL CIRCUITRY
EDGES	ELECTRICAL CODES
*EDP USE AUTOMATIC DATA PROCESSING	*ELECTRICAL CONDUCTIVITY USE ELECTRICAL RESISTIVITY
EDUCATION SA TRAINING	ELECTRICAL EQUIPMENT
EFFECTIVENESS	ELECTRICAL EQUIPMENT FIRES
#EFFECTS	ELECTRICAL FAULTS
EFFUSION	ELECTRICAL FIRES
EGRESS	ELECTRICAL HAZARDS
EJECTION SEATS	ELECTRICAL INSULATION
ELASTIC PROPERTIES	ELECTRICAL MEASUREMENT
*ELASTICITY USE ELASTIC PROPERTIES	ELECTRICAL POTENTIAL
ELASTOMERS	ELECTRICAL PROPERTIES
ELDERLY PERSONS	ELECTRICAL RESISTANCE
	ELECTRICAL RESISTIVITY



ELECTRICAL SHOCK	EMULSIFIED FUELS
ELECTROCHEMISTRY	EMULSIFYING AGENTS
ELECTROENCEPHALOGRAPHY	EMULSIONS
ELECTROMAGNETIC ABSORPTION	ENANT (TRADEMARK)
ELECTROMAGNETIC PROPERTIES	*ENCAPSULATING USE POTTING
ELECTROMAGNETIC WAVES	*ENCAPSULATING RESINS USE POTTING COMPOUNDS
ELECTRON CAPTURE	ENCLOSURES
ELECTRON ENERGY	*END PRODUCTS USE COMBUSTION PRODUCTS
ELECTRON OPTICS	ENDOGENOUS FIRES
*ELECTRON TEMPERATURE USE ELECTRON ENERGY	ENDOTHERMIC FUELS
ELECTRONIC COMPONENT RELIABILITY	ENDOTHERMIC REACTIONS
*ELECTRONIC DATA PROCESSING USE AUTOMATIC DATA PROCESSING	#ENERGY
ELECTRONICS	ENERGY DISTRIBUTION
ELECTROSTATIC CHARGES	*ENERGY RELEASE RATE USE ENERGY TRANSFER
ELEVATOR CALL BUTTONS	ENERGY SOURCES
ELEVATOR SHAFTS	ENERGY TRANSFER
ELEVATORS (LIFTS)	ENFORCEMENT
EMERGENCIES	#ENGINEERING
EMERGENCY PLANS	#ENGINES
EMISSION SPECTRA	ENSOLITE (TRADEMARK)
EMISSION SPECTROSCOPY	ENTHALPY
#EMISSIONS	ENTRAINMENT
EMISSIVITY	ENTROPY
EMISSIVITY MEASUREMENT	

ENVIRONMENT MODELS	ETHERS
ENVIRONMENT SIMULATORS	*ETHYL ALCOHOL USE ETHANOL
ENVIRONMENTAL BIOLOGY	ETHYL AMINE
ENVIRONMENTAL CONTROL SYSTEMS	*ETHYL BROMIDE USE BROMOETHANE
ENVIRONMENTAL EFFECTS	ETHYL CELLULOSE
ENVIRONMENTAL ENGINEERING	ETHYL PROPYL KETONE
#ENVIRONMENTS	ETHYLENE
EPILEPSY	ETHYLENE COMPOUNDS
EPOXIDES	ETHYLENE DIHYDRAZINE
EPOXY RESINS	ETHYLENE GLYCOL
EQUATIONS	ETHYLENE GLYCOL MONOMETHYL ETHER
EQUATIONS OF STATE	ETHYLENE OXIDE
#EQUILIBRIUM	EUROKA FIRE
EQUILIBRIUM CONSTANTS	EUROPE
#EQUIPMENT	EVACUATING (TRANSPORTATION)
EQUIPMENT DESIGN	EVACUATION
EQUIPMENT REPLACEMENT	EVACUATION TIME
ERGONOMICS	EVALUATION
EROSION	EVAPORATION
#ESCAPE	EVAPORATION CONTROL
ESCAPE MEANS	EVAPORATION COOLING
ESSENCE F	EVENT LOGIC TREE
ESTERS	EXCELSIOR
ETHANE	EXHAUST DETECTION
ETHANOL	

EXHAUST EMISSIONS

EXHAUST FLAMES

EXHAUST GASES

\*EXHAUST JETS  
USE EXHAUST GASES

EXHAUST NOZZLES

\*EXHAUST STACKS  
USE CHIMNEYS

EXHAUST SYSTEMS

EXHAUST VALVES

EXHAUST VELOCITY

\*EXHAUSTERS  
USE EXHAUST SYSTEMS

EXHAUSTING

EXHAUSTION

#EXHAUSTS

EXIT SIGNS

#EXITS

EXOGENOUS FIRES

EXOTHERMIC REACTIONS

EXPANDABLE STRUCTURES

EXPANDED CLAY AGGREGATES

\*EXPANDED PLASTICS  
USE CELLULAR PLASTICS

EXPANDED SHALE AGGREGATES

EXPANSION

\*EXPERIMENTAL ANIMALS  
USE ANIMALS

EXPERIMENTAL DESIGN

EXPERIMENTS

EXPERT SYSTEMS

EXPLODING WIRES

EXPLOSIBILITY INDEX

EXPLOSION DAMAGE

EXPLOSION DETECTION

EXPLOSION EFFECTS

\*EXPLOSION GASES  
USE COMBUSTION PRODUCTS

EXPLOSION HAZARDS

EXPLOSION LIMITS

EXPLOSION SUPPRESSION

EXPLOSION VESSELS

EXPLOSIONS

\*EXPLOSIVE GASES  
USE FLAMMABLE GASES

EXPLOSIVE YIELD

EXPLOSIVES

EXPOSED CEILINGS

EXPOSURE

EXPOSURE TIME

EXPYROL E (TRADENAME)

EXTERNAL BLAST

EXTINCTION

EXTINCTION TIME

\*EXTINGUISHER SYSTEMS  
USE FIRE EXTINGUISHERS

\*EXTINGUISHERS  
USE FIRE EXTINGUISHERS

EXTINGUISHING

EXTINGUISHMENT

EXTINGUISHMENT TIMES

EXTRATERRESTRIAL ENVIRONMENTS

EXTRATERRESTRIAL RADIATION

EXTRAVEHICULAR ACTIVITY

EYE INJURIES

EYE PROTECTION

EYE WITNESS TESTIMONY

Terms Beginning With F

F-86 AIRCRAFT	FASTENERS
F-89J AIRCRAFT	*FATALITY RATE USE CASUALTIES
F-102 AIRCRAFT	FATIGUE (BIOLOGY)
F-105 AIRCRAFT	FATIGUE (MATERIALS)
F-106 AIRCRAFT	FAULT TREES
FABRIC CONSTRUCTION	FC-77
FABRIC FLAMMABILITY	FC-194
FABRIC FLAMMABILITY TESTING	*FE 1301 USE HALON 1301
FABRIC WEIGHT	FEDERAL AVIATION ADMINISTRATION
FABRICS	FEDERAL TRADE COMMISSION
FACE MASKS	FELDSPAR
FACE PROTECTION	FELT
#FACILITIES	FELTS
*FACTORIES USE INDUSTRIAL PLANTS	FEMALES UF WOMEN RT CHILDREN HUMAN BEINGS MALES
#FACTORS	FENCES
FAILURE	FERTILIZERS
FAILURE ANALYSIS	FFACTS
FAILURE MODES	*FIBER GLASS USE GLASS FIBERS
FAILURE RATES	FIBER INSULATING BOARDS
FALLOUT	FIBER OPTICS
FALSE ALARMS	FIBERBOARDS
FARM STORAGE	
FARMLANDS	
FARMS	



FIBERGLASS RESINS

FIBERGRAX CERAMIC FIBER

FIBERS

#FILAMENTS

FILLERS

FILM COOLING

FILM THICKNESS

#FILMS

FILTERS

FINISHES (FABRICS)

FINITE DIFFERENCE THEORY

FIRE ALARM SYSTEMS

\*FIRE ALARMS

USE FIRE ALARM SYSTEMS

FIRE BARRIERS

FIRE BEHAVIOR

FIRE BOATS

FIRE BRANDS

FIRE BREAKS

\*FIRE BRIGADES

USE FIRE DEPARTMENTS

FIRE CHEMISTRY

FIRE CODES

\*FIRE CONTROL

USE FIRE SUPPRESSION

FIRE DAMAGE

FIRE DAMAGE PREDICTION

FIRE DAMPERS

FIRE DANGER RATING

FIRE DATA

\*FIRE DEFENSE

USE FIRE PROTECTION

FIRE DEPARTMENTS

FIRE DETECTION

FIRE DETECTION SYSTEMS

FIRE DETECTORS

FIRE DOORS

FIRE DRILLS

FIRE DURATION

FIRE ECOLOGY

FIRE EMERGENCY PLANNING

FIRE ENDURANCE

FIRE ENDURANCE RATING

FIRE ENDURANCE TESTS

\*FIRE ENGINES

USE FIRE FIGHTING VEHICLES

\*FIRE EXTINCTION

USE FIRE SUPPRESSION

\*FIRE EXTINGUISHANTS

USE FIRE EXTINGUISHERS OR

FIRE EXTINGUISHING AGENTS

FIRE EXTINGUISHERS

FIRE EXTINGUISHING AGENTS

FIRE EXTINGUISHMENT

SA FIRE SUPPRESSION

FIRE FATALITIES

FIRE FIGHTERS

FIRE FIGHTING

FIRE FIGHTING AIRCRAFT

\*FIRE FIGHTING CHEMICALS  
USE CHEMICAL AGENTS

FIRE FIGHTING EQUIPMENT

FIRE FIGHTING TRAINING

FIRE FIGHTING VEHICLES

\*FIRE FREQUENCY  
USE FIRE STATISTICS

FIRE GASES

FIRE GROWTH

FIRE HAZARD

FIRE HAZARD DISTANCES

FIRE HAZARDS

FIRE HAZARDS ASSESSMENT

FIRE HOSES

\*FIRE HOUSE EQUIPMENT  
USE FIRE FIGHTING EQUIPMENT

FIRE HYDRANTS

FIRE INCIDENCE

FIRE INSURANCE

FIRE INVESTIGATIONS

FIRE INVESTIGATORS

FIRE LOAD

FIRE LOSSES

FIRE MAPPING

FIRE MASS

FIRE MASTER (TRADEMARK)

FIRE MEASUREMENTS

FIRE MODELS

\*FIRE PHYSICS  
USE COMBUSTION PHYSICS

\*FIRE PLANNING  
USE PREFIRE PLANNING OR  
FIRE EMERGENCY PLANNING

FIRE PLUMES

FIRE POINT

FIRE PREDICTION

FIRE PREVENTION

\*FIRE PROPAGATION  
USE FIRE SPREAD

FIRE PROTECTION

FIRE PROTECTION ENGINEERING

\*FIRE PROTECTIVE CLOTHING  
USE PROTECTIVE CLOTHING

FIRE PUMPS

FIRE REPORTING

FIRE RESEARCH

\*FIRE RESEARCH LABORATORIES  
USE FIRE RESEARCH ORGANIZATIONS

FIRE RESEARCH ORGANIZATIONS

FIRE RESEARCH SAFETY ACT-1968

FIRE RESEARCH STRATEGIES	*FIRE SIZE USE FIRE SPREAD
FIRE RESISTANCE RATING	FIRE SPREAD
FIRE RESISTANCE TESTING	FIRE SPREAD TESTS
FIRE RESISTANCE TESTS	FIRE STATISTICS
FIRE RESISTANT COATINGS	FIRE STATISTICS
FIRE RESISTANT CONSTRUCTION	FIRE STORMS
FIRE RESISTANT FLUIDS	FIRE SUPPRESSION
FIRE RESISTANT MATERIALS	FIRE TESTS
FIRE RESISTANT WOOD	*FIRE TUBE TESTS USE ASTM E69-50
FIRE RETARDANT COATINGS	FIRE WALLS
FIRE RETARDANT MATERIALS	*FIRE WHIRLS USE FLAME WHIRLS
FIRE RETARDANT TESTING	FIREBALLS
FIRE RETARDANT TESTS	*FIREBALLS (NUCLEAR BURST) USE NUCLEAR FIREBALLS
FIRE RETARDANT TREATMENTS	*FIREBOXES USE COMBUSTION CHAMBERS
FIRE RETARDANTS	FIREBRICK
*FIRE RETARDATION USE FIRE SUPPRESSION	FIRECLAYS
FIRE RISK	FIREPAC 360 (TRADEMARK)
FIRE SAFETY	FIREPLACES
FIRE SAFETY EVALUATION SYSTEM	*FIREPROOF MATERIALS USE FIRE RESISTANT MATERIALS
FIRE SCIENCE	*FIREPROOFING USE FLAMEPROOFING
FIRE SEASONS	#FIRES
*FIRE SERVICE USE FIRE DEPARTMENTS	FIRESETTERS
FIRE SEVERITY	
FIRE SIMULATION	

FIRESTOPS

FIREWIRE TRIPLE FD (TRADEMARK)

FIREWORKS ACCIDENTS

FIREX (TRADEMARK)

FIRST AID

FIRST AID KITS

FISSION CHAMBERS

FISSION PRODUCTS

\*FISSION REACTORS  
USE NUCLEAR REACTORS

FISSIONABLE MATERIALS

FISSION

FIXED FIRE PROTECTION SYSTEMS

FLAMBEAU OPERATION

\*FLAME AGENTS  
USE FLAMMABLE MATERIALS

FLAME ARRESTORS

FLAME CHEMISTRY

FLAME CONTACT TEST

FLAME CONVECTORS

FLAME CORONA

FLAME DEFLECTORS

FLAME DETECTORS

FLAME EMISSIVITY

FLAME EQUATIONS

\*FLAME EXTINCTION  
USE FLAME EXTINGUISHMENT

\*FLAME EXTINCTION LIMITS  
USE FLAME EXTINGUISHMENT LIMITS

FLAME EXTINGUISHMENT

FLAME EXTINGUISHMENT LIMITS

FLAME FLICKER

FLAME FRONTS

FLAME HEIGHT

FLAME HOLDERS

FLAME IMPINGEMENT

\*FLAME INHIBITION  
USE FLAME EXTINGUISHMENT

FLAME INTENSITY

FLAME INTERACTION

FLAME IONIZATION

FLAME IONIZATION DETECTORS

FLAME LENGTH  
SA FLAME SIZE

FLAME LIFTOFF

FLAME LUMINOSITY

FLAME MODELS

FLAME OPTICS

FLAME PERTURBATION

FLAME PHOTOMETRY

FLAME PHYSICS

FLAME PLASMAS



FLAME PROBES	FLAME STABILITY
FLAME PROPAGATION	FLAME STRUCTURE
*FLAME QUENCHING	FLAME TEMPERATURE
USE FLAME EXTINGUISHMENT	FLAME THEORY
FLAME RADIATION	FLAME THROUGH
FLAME RESEARCH	FLAME TRAPS
FLAME RESISTANCE	FLAME VELOCITY
FLAME RESISTANCE RATING	FLAME VIBRATIONS
FLAME RESISTANCE TESTS	FLAME WHIRLS
FLAME RESISTANT COATINGS	FLAMELESS COMBUSTION
FLAME RESISTANT FABRICS	FLAMEOUT
FLAME RESISTANT FIBERS	FLAMEOVER
FLAME RESISTANT FLUIDS	FLAMEPROOFING
FLAME RESISTANT MATERIALS	#FLAMES
*FLAME RESISTANT TEXTILES	FLAMING COMBUSTION
USE FLAME RESISTANT FABRICS	FLAMMABILITY
FLAME RETARDANT TREATMENTS	FLAMMABILITY LIMITS
FLAME RETARDANTS	FLAMMABILITY MEASUREMENTS
FLAME SHAPES	FLAMMABILITY TESTING
FLAME SIZE	FLAMMABILITY TESTS
FLAME SPECTRA	FLAMMABLE FABRICS
FLAME SPECTROSCOPY	*FLAMMABLE FABRICS ACCIDENT CASE
FLAME SPEED	AND TESTING SYSTEM
FLAME SPREAD	USE FFACTS
FLAME SPREAD RATE	FLAMMABLE FABRICS ACT
FLAME SPREAD TEST	FLAMMABLE GASES



FLAMMABLE LIQUIDS

FLAMMABLE MATERIALS

SA COMBUSTIBLE MATERIALS

FLAMMABLE SOLIDS

SA COMBUSTIBLE SOLIDS

FLANGE GAPS

FLARES

FLASH BLINDNESS

FLASH BURNS

FLASH FIRES

FLASH HEATING

FLASH PHOTOLYSIS

FLASH POINT

FLASH POINT APPARATUS

FLASH POINT TESTING

FLASH PYROLYSIS

FLASH VAPORIZATION

FLASHBACK

FLASHOVER

\*FLAWS

USE DEFECTS

FLEXIBILITY

FLEXIBLE FOAMS

#FLICKER

FLIGHT CLOTHING

FLIGHT CONDITIONS

FLIGHT DATA RECORDERS

FLIGHT HAZARDS

FLIGHT INSTRUMENTS

FLIGHT SAFETY

FLIGHT SIMULATION

FLIGHT SIMULATORS

FLIGHT TESTS

FLOODING

FLOOR COVERINGS

FLOORING RADIANT PANEL TEST

FLOORING TILES

FLOORS

#FLOW

FLOW FIELDS

FLOW MEASUREMENT

FLOW RATE

FLOW RESISTANCE

FLOW VISUALIZATION

FLOX

FLUE DUSTS

FLUE GASES

FLUES

FLUID DYNAMICS

FLUID FLOW

#FLUIDS

FLUOBRENE B-2  
SA HALON 2402  
SA DIBROMOTETRAFLUOROETHANE

FLUOREL

FLUORESCENCE

FLUORESCENT QUENCHING

FLUORIDE COMPOUNDS

FLUORIDES

FLUORINATED ACIDS

FLUORINATED ELASTOMERS

FLUORINATED OLEFINS

FLUORINATION

FLUORINE

FLUORINE COMPOUNDS

FLUORINE DETECTORS

\*FLUORINE-LIQUID OXYGEN  
USE FLOX

FLUOROAROMATIC ETHERS

FLUOROCARBONS

FLUOROHYDROCARBONS

FLUOROPROTEIN FOAMS

FLUROSILICONES

FLUXMETERS

FLY ASH

FM3 (FUEL MIST INHIBITOR)

FM4 (FUEL MIST INHIBITOR)

#FOAM

FOAM BARRIERS

FOAM BREAKDOWN

FOAM DRAINAGE

FOAM EXPANSION

FOAM EXTINGUISHING SYSTEMS

FOAM GENERATION

FOAM LAMINATED FABRICS

FOAM (MATERIALS)

FOAM STABILITY

FOAM STABILIZERS

\*FOAMED MATERIALS  
USE FOAM (MATERIALS)

FOAMGLAS (TRADENAME)

FOAMING AGENTS

FOG

FOOTS

FOOT COVERINGS

FORCED CONVECTION

FORCED IGNITION

FORECASTING

FOREST FIRES

FORESTRY

FORMALDEHYDE

\*FORMATION HEAT  
USE HEAT OF FORMATION

FORMIC ACID

FORMULATIONS	*FREON 116 USE HALON 26
45 DEGREE TESTS	*FREON 1301 USE HALON 1301
FOURIER ANALYSIS	
FP-70	*FREONS USE HALONS
FRACTAL DIMENSIONS	FRICITION
FREE BURNING FIRES	FRICITION REDUCTION
FREE CONVECTION	FRICITION SPARKS
FREE ENERGY	FROUDE NUMBER
FREE MOLECULAR REGIME	FS 65-3 JET FUEL
FREE RADICALS	FUEL ADDITIVES
*FREON C-318 USE HALON C-48	FUEL-AIR INTERFACES
FREON E-8	FUEL-AIR MIXTURES
*FREON 11 USE HALON 113	FUEL-AIR RATIO
*FREON 12 USE HALON 122	FUEL BEDS
*FREON 12B1 USE HALON 1211	FUEL CELLS
*FREON 13B1 USE HALON 1301	FUEL COMBUSTION
*FREON 113 USE HALON 233	FUEL CONTAMINATION
*FREON 114 USE HALON 242	FUEL DROPLET SUSPENSIONS
*FREON 114B2 USE HALON 2402	FUEL DROPLETS
*FREON 115 USE HALON 251	FUEL ELEMENTS
	FUEL EMISSION
	FUEL FILTERS
	FUEL FIRES
	FUEL FLOW RATE
	FUEL FOG

FUEL GEOMETRY	FURAN
FUEL INJECTION	FURFURAL
FUEL JETTISONING	FURFURAL ALCOHOL
FUEL LOAD	FURNACES
FUEL OILS	FURNACES (CONSOLE)
FUEL PRESSURE	FURNITURE
FUEL PYROLYSIS	FURNITURE CALORIMETERS
FUEL SAFETY	FUSED SILICA
*FUEL SLOSH USE LIQUID FUEL MOTION	FUSELAGES
FUEL SPILLS	FUSES
FUEL SPRAYS	*FUSION HEAT USE HEAT OF FUSION
FUEL STORAGE	FWWR FINISHES
*FUEL STORAGE TANKS USE FUEL TANKS AND STORAGE TANKS	FYPRO
FUEL SYSTEMS	FYROL (TRADEMARK)
FUEL TANKS	
*FUEL VIBRATION USE LIQUID FUEL MOTION	
FUEL VOLATILITY	
*FUELING USE REFUELING	
FUELING HOSES	
FUELS	
*FULL SCALE FIRE TESTS USE LARGE SCALE FIRE TESTS	
FUMES	



Terms Beginning With G

G-1 AIRCRAFT

\*GAGES

USE MEASURING INSTRUMENTS

GALBESTOS (TRADEMARK)

GAME THEORY

GAMMA IRRADIATION

GARAGES

GARMENT CONSTRUCTION

GARMENTS

GAS-AIR MIXTURES

GAS ANALYSIS

GAS APPLIANCES

GAS BURNERS

GAS CHROMATOGRAPHY

GAS COMPOSITION

GAS CONSTANTS

GAS DENSITY

GAS DETECTORS

GAS DISCHARGES

GAS DISSOCIATION

GAS DYNAMICS

GAS EXPANSION

GAS EXPLOSIONS

GAS FILTERS

GAS FLOW

GAS-GAS INTERACTIONS

GAS HEATERS

GAS IONIZATION

GAS-LIQUID INTERACTIONS

GAS-METAL INTERACTIONS

GAS MIXTURES

\*GAS PHASES

USE VAPOR PHASES

GAS PRESSURE

GAS PURGING

GAS REACTIONS

GAS SAMPLES

GAS STORAGE

GAS TEMPERATURE

GAS TURBINE ENGINES

#GASES

GASIFICATION

GASOLINE

GELGARD

GELLED FUELS

GELLED JET ENGINE FUELS

GELLED PROPELLANTS

GELLED ROCKET PROPELLANTS

GELLING

GELLING AGENTS



GELS	GLYCOLS
GEMINI PROJECT	GOGGLES
GEMINI SPACECRAFT	GOVERNMENT BUILDINGS
#GENERATION	#GRADIENTS
GEODESY	GRAIN (WOOD)
GEOLOGY	GRAPHICS
GEOMAGNETISM	GRAPHITE
GEOMETRY	GRAPHS (CHARTS)
GEOPHYSICS	GRASHOF NUMBER
GEORGIA	GRASSLANDS
GLASS	GRAVEL
GLASS FABRICS	GRAVIMETERS
GLASS FIBERS	GRAVIMETRY
GLASS REINFORCED POLYESTER RESINS	GRAVINER PROTECTION SYSTEM
GLASS SCREENS	*GRAVITATION
GLAZING MATERIALS	USE GRAVITY
*GLOSSARIES	GRAVITATIONAL EFFECTS
USE DICTIONARIES	GRAVITATIONAL FIELDS
GLOVEBOX FIRES	GRAVITY
GLOVES	GRAVITY CURRENT
GLUCOSANS	GRAYBODY RADIATION
GLUCOSES	GREASES
GLUCOSIDES	GROUND FIRES
GLYCERALDEHYDE	GROUND SUPPORT EQUIPMENT
GLYCEROLS	GROUND VEHICLES
GLYCOLALDEHYDE	

\*GROUP HOMES  
USE BOARD AND CARE HOMES

GRP (POLYESTER)

GRUMMAN TBM-3 AIRCRAFT

GUAIACYL

GUANIDINES

GUARD SERVICES

GUEST WORKERS

GYPSUM

Terms Beginning With H

HABITABILITY	HALON 242 SA DICHLOROTETRAFLUOROETHANE
HAIR	
HALAR (TRADEMARK)	HALON 251 SA CHLOROPENTAFLUOROETHANE
HALFWAY HOUSES	HALON 1001 SA METHYL BROMIDES
HALIDES	
*HALLWAYS USE CORRIDORS	HALON 1011 SA CHLOROBROMOMETHANE
HALOCARBON PLASTICS	HALON 1202 SA DIBROMODIFLUOROMETHANE
HALOGEN COMPOUNDS	HALON 1211 SA BROMOCHLORODIFLUOROMETHANE
HALOGENATED ALKANES	
HALOGENATED ALKOXIDES	HALON 1301 SA BROMOTRIFLUOROMETHANE
HALOGENATED COMPOUNDS	
HALOGENATION	HALON 2402 SA DIBROMOTETRAFLUOROETHANE SA FLUOBRENE B-2
HALOGENS	HALON 3800
HALOKANES	HALONS
HALON C-48 SA OCTAFLUOROCYCLOBUTANE	HALOTHANE SA BROMOCHLOROTRIFLUOROETHANE
HALON 26 SA HEXAFLUOROETHANE	HAND (ANATOMY)
HALON 38	HANDBOOKS
HALON 104	HANDICAPPED
HALON 113 SA TRICHLOROFLUOROMETHANE	*HANDLING USE MATERIALS HANDLING
HALON 122 SA DICHLORODIFLUOROMETHANE	HANGARS
HALON 233 SA TRICHLOROTRIFLUOROETHANE	HARDBOARD
	HARDENING
	HARDNESS

HARDWOOD

HAY

HAZARD ANALYSIS

HAZARD ASSESSMENT

HAZARDOUS MATERIALS

HAZARDOUS VAPORS

#HAZARDS

HAZARDS CLASSIFICATION

HAZARDS CONTROL

HAZE

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HEALTH CARE FACILITIES

HEALTH HAZARDS

#HEAT

HEAT ABSORPTION

HEAT BALANCE

HEAT BUDGET

HEAT CAPACITY

\*HEAT CONDUCTION  
USE HEAT TRANSMISSION OR  
CONDUCTIVE HEAT TRANSFER

\*HEAT CONDUCTIVITY  
USE THERMAL CONDUCTIVITY

\*HEAT CONTENT  
USE ENTHALPY

\*HEAT CONVECTION  
USE CONVECTION

HEAT DETECTION

HEAT DETECTORS

\*HEAT DISSIPATION  
USE COOLING OR

HEAT LOSS

\*HEAT EFFECTS  
USE TEMPERATURE EFFECTS

HEAT EVOLUTION

\*HEAT EXCHANGE  
USE HEAT TRANSFER

HEAT EXHAUSTION

\*HEAT FLOW  
USE HEAT TRANSMISSION

HEAT FLUX

\*HEAT GAIN  
USE HEATING

HEAT GENERATION

\*HEAT INSULATION  
USE THERMAL INSULATION

HEAT INTENSITY

HEAT LOSS

HEAT OF ABLATION

HEAT OF ABSORPTION

HEAT OF ACTIVATION

HEAT OF ADSORPTION

HEAT OF COMBUSTION

HEAT OF CRYSTALLIZATION

HEAT OF DECOMPOSITION

HEAT OF DISSOCIATION

\*HEAT OF EVAPORIZATION  
USE HEAT OF VAPORIZATION

HEAT OF FORMATION

HEAT OF FUSION

HEAT OF HYDRATION

HEAT OF MIXING

HEAT OF PYROLYSIS

HEAT OF SOLUTION

HEAT OF SUBLIMATION

HEAT OF TRANSFORMATION

HEAT OF VAPORIZATION

HEAT OF WETTING

\*HEAT RADIATION  
USE THERMAL RADIATION

HEAT RECOVERY

HEAT RELEASE

HEAT RELEASE RATE

HEAT RESISTANT ALLOYS

HEAT RESISTANT COATINGS

HEAT RESISTANT MATERIALS

HEAT RESISTANT PLASTICS

\*HEAT SENSITIVE DETECTORS  
USE HEAT DETECTORS

HEAT SENSITIVE PAINTS

\*HEAT SENSORS  
USE HEAT DETECTORS

HEAT SHIELDING

HEAT SINKS

HEAT SOURCES

HEAT STORAGE

HEAT STRESS

\*HEAT TESTS  
USE HIGH TEMPERATURE TESTS

HEAT TRANSFER

HEAT TRANSFER FLUIDS

HEAT TRANSMISSION

HEATERS  
SA GAS HEATERS

HEATING

HEATING EQUIPMENT

HEATING ZONE

HEAVY WATER

\*HEF (HIGH ENERGY FUELS)  
USE HIGH ENERGY FUELS

HELICOPTERS

HELIPORTS

HELIUM

HELIUM FIRES

HEMICELLULOSE

HEPTANES

HERBICIDES

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HETERODISPERSE SPRAYS



HETEROGENEOUS COMBUSTION

HETEROGENEOUS DETONATION

HETEROGENEOUS GAS REACTIONS

HETEROGENEOUS MIXTURES

HETRON 72

HETRON 92

HETRON 197

HETRON 353

HEXAFLUOROETHANE  
SA HALON 26

HEXAFLUOROPROPENE

\*HEXAFLUOROPROPYLENE  
USE FLUOROHYDROCARBONS

HEXALDEHYDE

HEXANEDIONE

HEXANES

HH-53C HELICOPTER

HI-EX FOAM

HIGH DENSITY FOAMS

HIGH ENERGY FUELS

HIGH EXPANSION FOAMS

HIGH PRESSURE

HIGH RISE BUILDINGS

HIGH SPEED PHOTOGRAPHY

HIGH TEMPERATURE

\*HIGH TEMPERATURE ALLOYS  
USE HEAT RESISTANT ALLOYS

HIGH TEMPERATURE ENVIRONMENTS

HIGH TEMPERATURE GASES

HIGH TEMPERATURE LIQUIDS

HIGH TEMPERATURE MATERIALS

HIGH TEMPERATURE PLASMAS

HIGH TEMPERATURE TESTS

HIGHWAYS

HISTOLOGY

HISTORIC BUILDINGS

HISTORIES

HLT-15 IGNITION TEST

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HOLLOW SPHERES

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HOMODISPERSE MISTS

HOMOGENEOUS CATALYTIC ADDITIVES

HOMOGENEOUS COMBUSTION

HOMOGENEOUS GAS REACTIONS

HOMOGENEOUS MIXTURES

HOMOGENEOUS TURBULENCE

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HOPCALITE (TRADEMARK)

HORNS

\*HOSE ASSEMBLIES (FIRE)  
USE FIRE HOSES

\*HOSE REELS  
USE FIRE HOSES

HOSES  
SA FIRE HOSES

HOSPITAL FIRES

HOSPITALS

HOT AIR JETS

HOT BODIES

HOT BOTTLE EXTINGUISHERS

\*HOT GAS SYSTEMS  
USE HIGH TEMPERATURE GASES

\*HOT GASES  
USE HIGH TEMPERATURE GASES

HOT PARTICLES

\*HOT PLASMAS  
USE HIGH TEMPERATURE PLASMAS

HOT SURFACES

HOT WIRE ANEMOMETERS

HOT WIRE ANEMOMETRY

HOT WIRES

HOTELS

HOUGHTO-SAVE 1055

\*HOUSE FIRES  
USE HOME FIRES

HOUSING

HT-1 (DUPONT FIBER)

HULL INSULATION

\*HUMAN ACTIONS  
USE HUMAN RESPONSE

HUMAN BEHAVIOR

HUMAN BEINGS

\*HUMAN ENGINEERING  
USE HUMAN FACTORS ENGINEERING

\*HUMAN FACTORS  
USE HUMAN FACTORS ENGINEERING

HUMAN FACTORS ENGINEERING

HUMAN PERFORMANCE

HUMAN RESPONSE .

HUMIDITY

\*HVAC  
USE HEATING AND VENTILATION  
AND AIR CONDITIONING

HYBRID PROPELLANTS

\*HYDRANTS  
USE FIRE HYDRANTS

HYDRATION

\*HYDRATION HEAT  
USE HEAT OF HYDRATION

HYDRAULIC FLUIDS

HYDRAULIC JETS

HYDRAZINES

\*HYDRAZINE-UMDH MIXTURE  
USE AEROZINES

HYDRAZINES

HYDROBROMIDES

HYDROCARBON COMBUSTION

HYDROCARBON DETECTION

HYDROCARBON FUELS

HYDROCARBON MEASUREMENT

HYDROCARBON OXYGENATION

HYDROCARBONS

HYDROCHLORIC ACID  
SA HYDROGEN CHLORIDE

HYDRODYNAMICS

HYDROFOIL CRAFT

HYDROGEN

HYDROGEN-AIR MIXTURES

HYDROGEN BROMIDE

HYDROGEN CHLORIDE  
SA HYDROCHLORIC ACID

HYDROGEN CYANAMIDES

HYDROGEN CYANIDES

HYDROGEN DETECTORS

HYDROGEN FIRE BLINK DETECTOR

HYDROGEN FIRES

HYDROGEN FLUORIDES

HYDROGEN HALIDES

HYDROGEN-OXYGEN MIXTURES

HYDROGEN PEROXIDE

HYDROGEN SULFIDE

HYDROLYSIS

HYDROMETHYL FURYL KETONE

HYDROXYAMINOPYRIMIDINE

\*HYDROXYL COMPOUNDS  
USE HYDROXYL RADICALS

HYDROXYL RADICALS

HYDROXYMETHYL

HYDROXYMETHYL CYCLOPENTANONE

HYDROXYMETHYL FURFURAL

HYPERBARIC ATMOSPHERES

HYPERBARIC CHAMBERS

HYPERBARIC MEDICINE

HYPERBARIC OXYGENATION

HYPERBARIC PRESSURE

HYPERGOLIC IGNITION

HYPERGOLIC ROCKET PROPELLANTS

HYPEROXIA

HYPERSONIC AIRCRAFT

HYPERSONIC HEAT TRANSFER

HYPERTHERMIA

HYPERVENTILATION

HYPOBARIC ATMOSPHERES

HYPOBARIC CHAMBERS

HYPOXEMIA

HYPOXIA

Terms Beginning With I

IDEAL GAS LAW

IGNITERS

\*IGNITING  
USE IGNITION

IGNITION

\*IGNITION CIRCUITS  
USE IGNITION SYSTEMS

IGNITION DELAY

IGNITION HAZARDS

\*IGNITION LAG  
USE IGNITION DELAY

IGNITION LIMITS

\*IGNITION MECHANISM  
USE IGNITION

IGNITION PREVENTION

\*IGNITION PROCESS  
USE IGNITION

IGNITION SOURCE

IGNITION SOURCE DETECTION

IGNITION SUPPRESSION

IGNITION SYSTEMS

IGNITION TEMPERATURE

IGNITION TESTING

IGNITION THEORY

IGNITION TIME

IMPACT

IMPACT FLASH

IMPACT IGNITION

IMPACT RESISTANCE

IMPACT SENSITIVITY

IMPACT TESTING

IMAGE INTENSIFIERS

IMPREGNATION

IMPURITIES

IN-FLIGHT FIRES

IN SITU COMBUSTION

INCANDESCENCE

INCANDESCENT LAMPS

INCAPACITATION

INCENDIARY MIXTURES

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INDUCTION HEATING

INDUCTION PERIOD

INDUCTIVE SPARKS

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INDUSTRIAL BUILDINGS	INFORMATION STORAGE
INDUSTRIAL FIRES	INFRARED ABSORPTION
INDUSTRIAL FLUIDS	INFRARED DETECTORS
INDUSTRIAL PLANTS	INFRARED EMISSION
INDUSTRIAL SAFETY	*INFRARED FIRE DETECTION USE INFRARED FIRE DETECTORS
INDUSTRIAL TRAINING	INFRARED FIRE DETECTORS
INDUSTRIAL WASTES	INFRARED MAPPING
INDUSTRIES	INFRARED PHOTOGRAPHY
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INERTING	INFRASTAT 200 (TRADEMARK)
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*INFLAMMABILITY LIMITS USE FLAMMABILITY LIMITS	INHALATION TOXICITY
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INFLATING	INJECTION
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INSPECTION

\*INSTABILITY  
USE STABILITY

\*INSTALLATION  
USE INSTALLING

INSTALLATIONS

INSTALLING

INSTITUTIONS

\*INSTRUCTION MANUALS  
USE TRAINING MANUALS

INSTRUMENT DESIGN

\*INSTRUMENTATION  
USE INSTRUMENTS

INSTRUMENTS

\*INSULATING  
USE INSULATION

INSULATING BOARDS

INSULATING CEMENTS

INSULATING CONCRETES

INSULATING FLUIDS

INSULATING MATERIALS

INSULATING PLASTICS

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INSULATIVE PROPERTIES

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INTEGRATED CIRCUITS

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INTERFACIAL TENSION

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INTERIOR FURNISHINGS

INTERLABORATORY EVALUATION

INTERMEDIATE CARE FACILITIES

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INTUMESCENT COATINGS

\*INTUMESCENT PAINTS  
USE INTUMESCENT COATINGS

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#INVESTIGATIONS

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IODIDES

IODINATION

IODINE

IODINE COMPOUNDS

IODOTRIFLUOROMETHANE

IONIZATION

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IONIZATION CHAMBERS

IONIZATION DETECTORS

IONIZED GASES

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IONIZING RADIATION

IRON

IRON ALLOYS

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IRON OXIDES

IRRADIANCE

#IRRADIATION

IRREVERSIBLE PROCESSES

IRRITANTS

ISOAMYL ALCOHOL

ISOBARS

\*ISOBUTANE

USE BUTANES

ISOBUTANOL

ISOBUTYL ALCOHOL

ISOBUTYLENE

ISOCYANATES

ISOCYANURATES

ISOCYTOSINE

ISOMERS

\*ISOPENTANE

USE PENTANES

ISOPROPANOL

ISOTHERMAL DETERIORATION

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ISOTHERMS

ISOTOPE EFFECT

ISOTOPES

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Terms Beginning With J

J-47 JET AIRCRAFT

JP-7 JET FUEL

JANNAF THERMOCHEMICAL DATA

JP-8 JET FUEL

JENTSCH TYPE IGNITION TESTER

JT-12 TURBOJET

\*JET A

USE JP-1 JET FUEL

JET AERODYNAMICS

JET AIRCRAFT

\*JET B

USE JP-4 JET FUEL

JET BLAST EFFECTS

JET ENGINE FUELS

JET ENGINES

JET ENTRAINMENT

JET FLAMES

JET FUEL NO. 640

JET FUELS

JET INDUCED FLOW

JET TRANSPORTS

#JETS

JETTISONING

JOISTS

JP-1 JET FUEL

JP-3 JET FUEL

JP-4 JET FUEL

JP-5 JET FUEL

JP-6 JET FUEL

Terms Beginning With K

KAOLINITE

KAPRON (TRADEMARK)

KAPTON (TRADEMARK)

KEL-F (TRADEMARK)

KERATIN PROTEIN FOAM

KERATINS

KERMAL (TRADEMARK)

\*KERO B

USE AIRCRAFT FUELS AND  
KEROSENE

KEROSENE

KETONES

KILN DRYING

KINDLING FUELS

KINETIC CONSTANTS

KINETICS

KITCHEN FIRES

KITS

KNITTED FABRICS

KOHJIN (TRADEMARK)

KOROTHERM (TRADEMARK)

KRYPTON

KRYPTONATES

KUKA WATER PROJECTOR

KYNAR (TRADEMARK)

KYNOL (TRADEMARK)



Terms Beginning With L

L-1011 AIRCRAFT

LABELLING

#LABORATORIES

\*LABORATORY ANIMALS  
USE ANIMALS

LACQUERS

LACTIC ACID

LADDERS

LADICOTE

\*LAG  
USE TIME LAG

LAMINAR BURNING

LAMINAR BURNING VELOCITY

LAMINAR FLAME PROPAGATION

LAMINAR FLAMES

LAMINAR FLOW

LAMINAR HEAT TRANSFER

LAMINAR JET FLAMES

LAMINAR MIXING

LAMINAR TURBULENT TRANSITION

\*LAMINATED MATERIALS  
USE LAMINATES

LAMINATES

LAMPS

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LARGE SCALE FIRE TESTS

LASER DOPPLER ANEMOMETRY

LASER DOPPLER VELOCIMETRY

LASERS

LATENT HEAT

LATEX

LAUNCH TESTS

LAUNCHING PAD ACCIDENTS

LAUNCHING PAD FIRES

LAUNCHING PADS

LAUNCHING SITES

LAUNDERING

LAWSUITS

LC-50

\*LDV  
USE LASER DOPPLER VELOCIMETRY

LEAD COMPOUNDS

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LEAK DETECTORS

LEAKAGE

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LETHAL CONCENTRATIONS

LEVOGLUCOSAN

LEVULINIC ACID

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LEXAN (TRADEMARK)

LIBRARIES

LICHTENBERG DISCHARGE

LIFE (BIOLOGY)

LIFE (DURABILITY)

LIFE HAZARDS

LIFE JACKETS

LIFE PROCESSES

LIFE SAFETY

LIFE SAFETY CODE  
SA NFPA 101

LIFE SUPPORT SYSTEMS

LIFE TESTS

\*LIFETIME (DURABILITY)  
USE LIFE (DURABILITY)

\*LIFTED FLAMES  
USE FLAME LIFTOFF

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LIGHT EXTINCTION

LIGHT SCATTERING

LIGHT SCATTERING DETECTORS

LIGHT WATER

LIGHTING EQUIPMENT

LIGHTNING

LIGHTNING RODS

LIGHTWEIGHT AGGREGATES

LIGHTWEIGHT CONCRETES

LIGNIN

LIGNOCELLULOSE

LIMESTONE

\*LIMITING OXYGEN INDEX  
USE OXYGEN INDEX

#LIMITS

LINE DETECTORS

NT TWISTED WIRE LINE DETECTORS  
NT PULSED TRANSMISSION LINE  
DETECTOR

LININGS

LINKED ORGANOSILOXANES

LINKED POLYAMIDES

LIQUEFIED GASES

LIQUEFIED NATURAL GAS

LIQUID AIR

LIQUID ATOMIZATION

LIQUID BREATHING

LIQUID CARBON DIOXIDE

LIQUID CRYSTALS

LIQUID EXPLOSIVES

LIQUID FIRES

LIQUID FLOW

LIQUID FLUORINE

LIQUID FUEL MOTION

LIQUID FUELS

LIQUID-GAS MIXTURES

LIQUID HELIUM

LIQUID HYDROGEN

LIQUID METALS

LIQUID NITROGEN

LIQUID OXIDIZERS

LIQUID OXYGEN

\*LIQUID PETROLEUM GAS  
USE LP GAS

LIQUID PHASES

LIQUID POTASSIUM

LIQUID PROPANE

LIQUID PROPELLANTS

LIQUID ROCKET ADDITIVES

LIQUID ROCKET OXIDIZERS

LIQUID ROCKET PROPELLANTS

LIQUID SODIUM

LIQUID SPILLS

LIQUID SPRAYS

LIQUID SURFACES

#LIQUIDS

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LITHIUM

LITHIUM CHLORIDES

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LOAD BEARING ELEMENTS

LOAD CAPACITY

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LOGARITHMIC NORMAL DISTRIBUTION

LOGOS

LOPAC (TRADEMARK)

#LOSSES

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LOW PRESSURE

LOW PRESSURE FLAMES

LOW TEMPERATURE

\*LOX

USE LIQUID OXYGEN

LP GAS

LP 406B FLAME RESISTANCE TEST

LUBRICANT ADDITIVES

LUBRICANTS

LUMBER

RT SIDING

LUMBER YARDS

LUMINESCENCE

LUMINOMETER NUMBER

LUMINOSITY

LUMINOUS FLAMES

LUMINOUS INTENSITY

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Terms Beginning With M

MACHINE TOOLS

MACHINERY

MAGAZINES (STORAGE)

MAGIC ANGLE SPINNING

MAGNESIUM

MAGNESIUM ALLOYS

MAGNESIUM COMPOUNDS

MAGNESIUM DIBROMOPROPYL PHOSPHATE

MAGNESIUM FIRES

MAGNESIUM FLUORIDES

MAGNESIUM OXIDE

MAGNESIUM OXYCHLORIDE CEMENT

MAGNETIC STORMS

MAGNETIC TAPES

MAGNETOHYDRODYNAMIC STABILITY

MAGNETOHYDRODYNAMICS

MAGNETOMETERS

MAINTENANCE

MALES

UF MAN

RT CHILDREN

FEMALES

HUMAN BEINGS

MAN MACHINE SYSTEMS

#MANAGEMENT

MANAGEMENT ENGINEERING

MANAGEMENT INFORMATION SYSTEMS

MANAGEMENT SYSTEMS

MANNED ORBITAL LABORATORIES

\*MANNED ORBITING LABORATORIES

USE MANNED ORBITAL LABORATORIES

MANNEQUINS

MANUAL CONTROL

MANUALS

MANUFACTURING

MAPPING

MARAGING STEELS

MARINE TRANSPORTATION

#MASKS

MASONITE (TRADEMARK)

MASONRY

MASS BURNS

MASS CONSUMPTION RATES

MASS FIRES

MASS FLOW

MASS FLUX

MASS LOSS

MASS OPTICAL DENSITY

MASS SPECTROMETERS

MASS SPECTROSCOPY

MASS TRANSFER

MASTICS



MATCHES

MATERIAL PROPERTIES

#MATERIALS

MATERIALS ABSORPTION

MATERIALS ADSORPTION

MATERIALS FAILURE

MATERIALS HANDLING

MATERIALS STORAGE

#MATERIALS TESTS

MATHEMATICAL MODELS

MATTRESSES

\*MB

USE METHYL BROMIDES

MB-5 CRASH TRUCK

#MEASUREMENT

\*MEASURING APPARATUS

USE MEASURING INSTRUMENTS

MEASURING INSTRUMENTS

MECHANICAL-ELECTRICAL CORES

MECHANICAL EQUIPMENT

MECHANICAL FOAM

MECHANICAL PROPERTIES

MECHANISMS

MEDICAL SERVICES

MEDICATIONS

#MEDICINE

MEDIUM EXPANSION FOAMS

\*MEETINGS

USE CONFERENCES

MELAMINE

MELTING

MELTING POINT

MEMBRANE STRUCTURES

MEMBRANES

\*MEN

USE MALES

MENTAL DISORDERS

MENTAL RETARDATION

MERCAPTAN POLYMERS

MERCERIZATION

MERCHANDISING

MERCHANT VESSELS

MERCURY PROJECT

MERCURY SENSITIZED OXIDATION

MESITYLENE

MESOALDEHYDE

MET-L-X (TRADEMARK)

METAL BONDING

METAL COATINGS

METAL COMBUSTION

\*METAL CORROSION

USE CORROSION

METAL DEACTIVATORS

METAL DOORS

METAL FATIGUE

METAL FIRES

METAL FOAMS

METAL FUELS

METAL HALIDES

METAL OXIDES

METAL POWDERS

METAL PROPELLANTS

METAL SALTS

METAL VAPORS

\*METAL WHISKER REINFORCEMENT  
USE WHISKER COMPOSITES

\*METALLIC TEXTILES  
USE FLAME RESISTANT FABRICS

#METALLURGY

#METALS

\*METEOR HAZARDS  
USE METEOROID HAZARDS

METEOROID HAZARDS

METEOROID PROTECTION

METEOROLOGY

\*METERS  
USE MEASURING INSTRUMENTS

\*METHENAMINE PILL TEST  
USE PILL TEST (CARPETS)

METHANE

METHANOL

METHOCEL MC GELS

#METHODOLOGY

METHYL ACETATE

METHYL ACRYLATES

\*METHYL ALCOHOL  
USE METHANOL

METHYL ALKANES

METHYL BROMIDES  
SA HALON 1001

METHYL BUTENE

METHYL CHLORIDE

METHYL COMPOUNDS

METHYL ETHYL

METHYL ETHYL KETONE

METHYL FORMATE

METHYL FURAN

METHYL FURFURAL

METHYL HEPTANE

METHYL HEXANE

METHYL IODIDE

METHYL ISOBUTYL KETONE

METHYL NITRATE

METHYL NONANE

METHYL OCTANE

METHYL PENTANE

METHYL PHENOL	MINERALS
METHYL PHOSPHONIC ACID	MINIMUM IGNITION ENERGY
METHYL VINYL KETONE	MINIMUM IGNITION ENERGY APPARATUS
METHYLATION	MINIMUM IGNITION PRESSURE
*METHYLENE CHLORIDE USE CHLOROMETHANES	MIRRORS
METHYLTRIFLUOROSILANE	MISSILE SYSTEMS
MEXICO	MIST
MICRO-QUARTZ	MIXING
MICROBURNER TESTS	*MIXING HEAT USE HEAT OF MIXING
MICROCIRCUIT COMPUTERS	#MIXTURES
MICROCOMPUTERS	MOBIL DTE 103
MICROLITE	MOBILE AIR BASES
*MICROPHOTOMETERS USE PHOTOMETERS	MOBILE HOME PARKS
MICROSCOPY	MOBILE HOMES
MICROWAVE SPECTROMETERS	MOBILE QUARANTINE FACILITY
*MIL-H-5606 USE HYDRAULIC FLUIDS	MOBILITY
*MIL-H-7808 USE AIRCRAFT ENGINE OILS	MODACRYLICS
MILITARY AIRCRAFT	MODEL FIRES
MILITARY FACILITIES	*MODEL TESTS USE MODEL STUDIES
MINE FIRES	MODEL STUDIES
MINE GASES	#MODELS
MINE VENTILATION	MODULAR HOMES
MINERAL WOOLS	MOISTURE
	MOISTURE CONTENT

MOISTURE EQUILIBRIUM

MOISTURE INDEX

MOISTURE REGAIN

\*MOL  
USE MANNED ORBITAL LABORATORIES

MOLDING

MOLECULAR BEAMS

MOLECULAR DIFFUSION

MOLECULAR DISTILLATION

MOLECULAR EFFECTS

MOLECULAR REACTIONS

MOLECULAR SIEVE

MOLECULAR STRUCTURE

MOLECULAR WEIGHT

MOLTEN GLASS

MOLYBDENUM

#MONITORS

MONNEX (TRADEMARK)

MONOMERS

\*MONOGRAMS  
USE NOMOGRAPHS

\*MONOMOLECULAR REACTIONS  
USE UNIMOLECULAR REACTIONS

MONTE CARLO METHOD

MORPHOLOGY

MORTALITY  
RT DEATH

\*MOTELS  
USE HOTELS

MOTIVATION

\*MOTOR FUELS  
USE AUTOMOTIVE FUELS

MOTOR VEHICLE ACCIDENTS

\*MOTOR VEHICLE COLLISIONS  
USE MOTOR VEHICLE ACCIDENTS

MOTOR VEHICLE FIRES

MOTOR VEHICLES

MOVING WIRE APPARATUS

MULTIDIMENSIONAL FLOW

MULTIFAMILY HOUSING

MULTIROOM FIRES

MULTIVENTILATION OPENINGS

MUSEUMS



# Terms Beginning With N

NACA IGNITION DELAY APPARATUS

NACELLE FIRES

NAPALM BOMBS

NAPTHA

NARMCO FIBERCELL

NASA PROGRAMS

NATIONAL ANILINE GLOBULAR CF-TM11

NATIONAL COMMISSION ON FIRE  
PREVENTION AND CONTROL

NATIONAL COMMISSION ON MATERIALS  
POLICY

NATIONAL FIRE ACADEMY

NATIONAL FIRE COMMISSION

NATIONAL FIRE DATA SYSTEM

NATIONAL FIRE PREVENTION AND  
CONTROL ACT

NATIONAL FIRE RATING SYSTEM

NATURAL CONVECTION

NATURAL GAS

NATURAL RESOURCES

NAVY SPECIAL FUEL OIL (NSFO)

NBS TOXICITY TEST METHOD

NEAT FUEL

\*NEBULIZERS  
USE ATOMIZERS

NEON

NEOPENTANE

NEOPRENE (TRADEMARK)  
SA CHLOROPRENE

NERVOUS SYSTEM

NETS

NEUTRON IRRADIATION

NEWSPRINT

NFPA 13

NFPA 14

NFPA 19A

NFPA 19B

NFPA 72

NFPA 72E

NFPA 74

NFPA 101

NFPA 251

NFPA 501B

NGTE IGNITION DELAY APPARATUS

NICKEL ALLOYS

NIKE TEST FACILITY

NIMBUS 2 SATELLITE

NITRATES

NITRIC ACID

NITRIC OXIDE

\*NITROAROMATIC AMINES  
USE NITROAROMATIC COMPOUNDS



NITROAROMATIC COMPOUNDS

\*NITROCELLULOSE

USE CELLULOSE NITRATE

NITROGEN

NITROGEN DIOXIDE

NITROGEN OXIDES

NITROGEN POLYMERS

NITROGEN TETROXIDE

NITROGEN TRIFLUORIDE

NITROGLYCERIN

NITROMETHANE

NITROUS OXIDES

N-METHYLOL ACRYLAMIDE

NOBLE METALS

NOISE (SOUND)

NOMEX FABRICS

NOMOGRAPHS

NONCOMBUSTIBLES

NONCOMBUSTION

NONCOMBUSTION ZONE

\*NONCONDUCTORS

USE ELECTRICAL INSULATION

NONDESTRUCTIVE TESTS

NONENE

NONIGNITION ZONE

NONISOTROPIC PROPAGATION

NONLUMINOUS FLAMES

NONMETALLIC COATINGS

NONMETALLIC MATERIALS

NONWOVEN FABRICS

\*NORMAL IGNITION

USE IGNITION

NOTES

NOZZLE DESIGN

NOZZLE LOCATION

NOZZLES

\*NSFO

USE NAVY SPECIAL FUEL OIL

NUCLEAR EXPLOSION DAMAGE

NUCLEAR EXPLOSION EFFECTS

NUCLEAR EXPLOSIONS

NUCLEAR FIREBALLS

NUCLEAR FUELS

NUCLEAR POWER PLANTS

NUCLEAR PROPULSION

NUCLEAR REACTIONS

NUCLEAR REACTOR ACCIDENTS

NUCLEAR REACTOR FIRES

NUCLEAR REACTOR SAFETY

NUCLEAR REACTORS

NUCLEAR WARFARE

NUCLEAR WEAPONS

NUCLEAR WINTER

NUCLEATION

#NUMBERS

NUMERICAL ANALYSIS

NURSING HOMES

NURSING STAFF

NYLON (TRADEMARK)

NYLON 6 (TRADEMARK)

NYLON 7 (TRADEMARK)

NYLON 66 (TRADEMARK)

\*NYLON RESINS

USE POLYAMIDE RESINS

Terms Beginning With O

OCCUPATIONAL HAZARDS	*OIL TANKERS
	USE TANKER SHIPS
OCCUPATIONAL SAFETY	
	OILS
OCCUPATIONAL SAFETY AND HEALTH ACT	
	OILY MATERIALS
OCTAFLUOROCYCLOBUTANE	
SA HALON C-48	ONBOARD EQUIPMENT
OCTAFLUOROISOBUTYLENE	ONCOR (TRADEMARK)
OCTAFLUOROPROPANE	ONE DIMENSIONAL FLOW
OCTAMETHYLCYCLOTETRASILOXANE	OPACITY
#OCTANE	OPEN LOOP BREATHING APPARATUS
OCTANES	OPERATION BREAKTHROUGH
ODOR DISCRIMINATION	OPERATION EDITH
ODOR TESTS	OPERATION SCHOOL BURNING
ODORS	OPERATION TEAPOT
OFFGASSING	OPERATIONAL HAZARDS
SA OUTGASSING	
	OPERATIONS RESEARCH
OFFICE BUILDINGS	
	OPTICAL DATA PROCESSING
OFFSHORE DRILLING	
RT DRILLING	OPTICAL DENSITY
OFFICE FURNITURE	OPTICAL DEPTH
OFFSHORE PLATFORMS	OPTICAL EMISSION SPECTROSCOPY
OIL ADDITIVES	*OPTICAL GENERATORS
	USE LASERS
OIL BURNERS	
	OPTICAL LINE SCANNERS
OIL FILMS	
	*OPTICAL MASERS
*OIL REFINERIES	USE LASERS
USE REFINERIES	
	OPTICAL MEASURING INSTRUMENTS
OIL STORAGE	
	OPTICAL PROPERTIES

OPTICAL PYROMETERS	#OXIDES
*OPTICAL SENSORS USE OPTICAL MEASURING INSTRUMENTS	OXIDIZERS
*OPTICS OF FLAMES USE FLAME OPTICS	*OXIDIZING AGENTS USE OXIDIZERS
ORGANIC BROMINE COMPOUNDS	OXYACETYLENE
ORGANIC HALIDES	OXYGEN
ORGANIC LIQUIDS	OXYGEN ANALYZERS
ORGANIC PHOSPHORUS COMPOUNDS	OXYGEN ATMOSPHERE
ORGANOMETALLIC COMPOUNDS	OXYGEN CONCENTRATION
ORLON (TRADEMARK)	OXYGEN CONSUMPTION
OSMIUM	*OXYGEN DEFICIENCY USE HYPOXIA
OSMOSIS	*OXYGEN DETECTORS USE OXYGEN ANALYZERS
OTTO FUEL	OXYGEN DICHLORIDE
OTTO FUEL 2	OXYGEN DIFLUORIDE
OUTDOOR STORAGE	OXYGEN ENRICHED ATMOSPHERES
OUTGASSING	OXYGEN INDEX
OVENS	OXYGEN INDEX TEST
*OVERALLS USE COVERALLS	OXYGEN MASKS
OVERCURRENT	OXYGEN PRESSURE
OVERHEATING	OXYGEN TENTS
OVERPRESSURE	OXYGEN TOXICITY
OXALATES	OXYGENATION
*OXIDANTS USE OXIDIZERS	OZONE
OXIDATION	

Terms Beginning With P

PACKAGING	PARTICLE TRAJECTORIES
PACKING CONFIGURATION	#PARTICLES
PACKINGS (SEALS)	PARTITIONS
PAD DRY CURE PROCESS	PARTY WALLS
*PAH USE POLYNUCLEAR AROMATIC HYDROCARBONS	PASSENGER TERMINALS
PAINTED SURFACES	PASSENGER TRAINS
PAINTS	PASSENGER VEHICLES
PALLET STORAGE	PASSIVE DEFENSE
PANEL WALLS	PASSIVE METHODS
PANIC	PATENTS
PAPER	PATHOLOGICAL EFFECTS
PARACHUTES	PATHOLOGY
PARAFFINS	PATIENTS
#PARAMETERS	PATROLS
PARQUET	PBI (FABRICS)
PARSONS TABLES	PELESPAN PAC (TRADEMARK)
PARTIAL PRESSURE	PENETRATING RADIATION OXIDATION
PARTICLE BOARDS	PENETRATION
PARTICLE DENSITY (CONCENTRATION)	PENSKY MARTENS APPARATUS
PARTICLE SIZE	PENTABORANE
PARTICLE SIZE DISTRIBUTION	PENTABROMOTOLENE
*PARTICLE TRACKS USE PARTICLE TRAJECTORIES	PENTAFLUOROCHLOROETHANE
	PENTAFLUOROETHANE
	74 PENTANES



PENTENE	PHENOLIC FIBERS
PENTON (TRADEMARK)	PHENOLIC NYLON COMPOSITES
PENTOLITE	PHENOLIC RESINS
PEOPLE MOVEMENT	PHENOLS
PERFLUOROALKYENE	PHENYLS
PERFLUOROBUTENE	PHOS-CHEK (TRADEMARK)
PERFLUOROCYCLOBUTANE	PHOSGARD 2NC-20 (TRADEMARK)
PERFLUOROISOBUTENE	PHOSGENE
PERFLUOROPROPENE	PHOSPHATE ROCK
PERFLUOROPROPYLENE	PHOSPHATES
PERFORMANCE EVALUATION	PHOSPHAZENE FOAMS
#PERIODS	PHOSPHINE OXIDES
PERLITE	PHOSPHITES
PERMEABILITY	PHOSPHONATE ESTERS
PEROXIDES	PHOSPHONITRILES
PERSONNEL EVACUATION	PHOSPHONIUM COMPOUNDS
PERSONNEL MANAGEMENT	PHOSPHORAMIDATES
PERT	PHOSPHORUS
*PETROL USE GASOLINE	PHOSPHORUS COMPOUNDS
PETROLEUM	PHOSPHORUS ESTERS
PETROLEUM PRODUCTS	PHOSPHORUS OXYCHLORIDE
*PHASE CHANGES USE PHASE TRANSFORMATIONS	PHOSPHORYLATION
PHASE TRANSFORMATIONS	PHOTOCATHODES
PHENOL FORMALDEHYDE	*PHOTOCELLS USE PHOTOELECTRIC CELLS

PHOTOCHEMICAL OXIDATION

PHOTOCHEMICAL REACTIONS

\*PHOTOCHEMISTRY

USE PHOTOCHEMICAL REACTIONS

PHOTODECOMPOSITION

PHOTODESTRUCTION

PHOTOELECTRIC CELLS

PHOTOELECTRIC DETECTORS

PHOTOGRAPHY

PHOTOLYSIS

PHOTOMETERS

PHOTOMETRY

PHOTOMICROGRAPHS

PHOTON DETECTORS

PHYSICAL FITNESS

PHYSICAL PROPERTIES

PHYSICS

PHYSIOLOGICAL EFFECTS

PHYSIOLOGY

PIER FIRES

PIERS

PILL TEST (CARPETS)  
SA ASTM D2859

PILLOWS

RT COUCHES  
CUSHIONS  
SEATS

PILOT FLAME

PILOT IGNITION

PIN SENSORS

PINE NEEDLE FUEL

PIPE CHASES

PIPELINES

PIPERIDINE

PIPES

PISTON ENGINES

PITOT TUBE

PITTSBURGH CORNING 30/30 APPARATUS

\*PKP

USE PURPLE K

\*PL 93-498

USE NATIONAL FIRE PREVENTION  
AND CONTROL ACT

PLANETARY ATMOSPHERES

PLANETARY RADIATION

PLANNING

#PLANTS

PLANTS (BOTANY)

\*PLANTS (INDUSTRIES)

USE INDUSTRIAL PLANTS

PLASMA CHEMISTRY

PLASMA COMPOSITION

PLASMA CONDUCTIVITY

\*PLASMA DISCHARGES

USE PLASMA JETS

PLASMA JETS	POISONS
PLASMA PROPULSION	POLLUTION
PLASMAS (PHYSICS)	POLY-X (TRADEMARK)
PLASTER	POLYACETAL
PLASTERBOARD	POLYACETYLENES
PLASTIC COATINGS	POLYACRYLATE RESINS
PLASTIC DUSTS	POLYACRYLATES
*PLASTIC FILMS USE POLYMERIC FILMS	POLYACRYLONITRILE
PLASTIC FIRES	POLYALKYLENE
*PLASTIC FOAM USE CELLULAR PLASTICS	POLYAMIDE RESINS
*PLASTIC MATERIALS USE PLASTICS	POLYAMIDES
PLASTIC PIPES	POLYAMIDESPOLYAROMATIC RESINS
PLASTIC PROPELLANTS	POLYBENZIMIDAZOLE SA PBI (FABRICS)
PLASTICIZERS	POLYBENZYL
PLASTICS	POLYBUTADIENE
PLENUMS	POLYBUTYLENE
PLEXIGLAS (TRADEMARK)	POLYCARBONATES
PLUMBING	POLYCHLORINATED BIPHENYLS
PLUMES	POLYCHLOROPRENE
PLUTONIUM	POLYCHLOROTRIFLUOROETHYLENE
PLUTONIUM COMPOUNDS	POLYESTER BATTING
PLYWOOD	POLYESTER RESINS
*PMMA USE POLYMETHYL METHACRYLATE	POLYESTERS
	POLYETHERS
	POLYETHYLENE GLYCOL

POLYETHYLENE OXIDE

POLYETHYLENE TEREPHTHALATE

POLYETHYLENES

POLYIMIDES

POLYISOBUTYLENE

POLYISOCYANATE

POLYISOCYANURATE FOAM

POLYKETONE

POLYMERIC FILMS

POLYMERIZATION

#POLYMERS

POLYMETHYLMETHACRYLATE

POLYMETHYLENE

POLYMIDES

POLYNUCLEAR AROMATIC HYDROCARBONS

POLYOLEFINS

POLYOLS

POLYOX (TRADEMARK)

POLYOX FRA (TRADEMARK)

POLYOXYMETHYLENE

POLYOXYPROPYLENE

\*POLYPHENYLENE OXIDE  
USE POLYOXYPROPYLENE

POLYPHOSPHOZONE FOAMS

POLYPROPYLENE

POLYSACCHARIDES

POLYSILOXANES

POLYSTYRENE

POLYSTYRENE FOAMS

POLYSTYRENE RESINS

POLYSULFIDES

POLYSULFONES

POLYTETRAFLUOROETHYLENE  
SA TEFLON (TRADEMARK)

POLYURETHANE FOAMS

POLYURETHANE RESINS

POLYVINYL ACETATE

POLYVINYL CHLORIDE

POLYVINYL FLUORIDE

POLYVINYLIDENE CHLORIDE

POLYVINYLIDENE FLUORIDE

POOL BURNING

POOL FIRES

POROUS FUEL BEDS

POROUS MATERIALS.

POROUS SOLIDS

PORTABILITY

PORTLAND CEMENT

PORTS (OPENINGS)

POST TEST FIRE DAMAGE

POSTCRASH FIRES



POSTHEATING

POTABLE WATER

POTASSIUM

POTASSIUM BICARBONATE  
RT PURPLE K

POTASSIUM BITARTRATE

POTASSIUM BROMIDES

POTASSIUM CARBAMATE

POTASSIUM CARBONATES

POTASSIUM CHLORIDES

POTASSIUM FIRES

POTASSIUM OXALATE

POTASSIUM OXIDES

POTASSIUM SILICATES

POTASSIUM SULFATES

POTENTIAL HEAT

POTTING

POTTING COMPOUNDS

POWDER (PARTICLES)

POWDERS

POWER LOSS

POWER PLANTS

POWER SUPPLIES

PRANDTL NUMBER

PRECIPITATION (CHEMISTRY)

PRECIPITATION (METEOROLOGY)

PRECOMBUSTION DEPOSITS

PREDETONATION DISTANCE

PREDETONATION PERIOD

PREFABRICATED BUILDINGS

PREFIRE PLANNING

PREFLAME PERIOD

\*PREHEAT ZONE  
USE HEATING ZONE

\*PREHEATING  
USE HEATING

PREIGNITION

PREIGNITION REACTION PRODUCTS

PREMATURE OPERATION

PREMIXED FLAMES

PRESSURE

\*PRESSURE CABINS  
USE PRESSURIZED CABINS

PRESSURE DIFFERENTIAL

PRESSURE DROP

PRESSURE EFFECTS

PRESSURE GRADIENTS

PRESSURE MODELING

PRESSURE REDUCTION

PRESSURE REGULATORS

PRESSURE RISE

PRESSURE SUITS



PRESSURE VESSELS

PRESSURIZATION

PRESSURIZED CABINS

PRESSURIZED GASES

PRESSURIZING

PRESTRESSED CONCRETES

#PREVENTION

PREVENTIVE MAINTENANCE

PRIMERS (COATINGS)

PRINTOUTS

PRISONS

PROBABILITY

PROBABILITY STATISTICS

PROBAN

PROCEEDINGS

#PROCESSES

PRODUCT DEVELOPMENT

PRODUCT INSPECTION

PRODUCT SAFETY

PRODUCTION RATE

#PRODUCTS

PROFESSIONAL SOCIETIES

PROFILES

PROJECT PLANNING

PROJECTILES

PROMOTERS

PROPADIENE

#PROPAGATION

PROPAGATION VELOCITY

PROPANE

PROPANOL

PROPELLANT ADDITIVES

PROPELLANT BINDERS

PROPELLANT COMBUSTION

PROPELLANT OXIDIZERS

PROPELLANT STORAGE

PROPELLANT TANKS

PROPELLANT TESTING

PROPELLANTS

PROPENE

#PROPERTIES

PROPERTY CLASSIFICATION

PROPORTIONING

PROPOSALS

PROPULSION

PROPYLENE

PROPYNE

PROSECUTION

#PROTECTION

PROTECTION FACTOR

PROTECTIVE CLOTHING	PYRIDINES
PROTECTIVE COATINGS	PYRIMIDINES
PROTECTIVE MASKS	*PYROELECTRIC COEFFICIENT USE PYROELECTRICITY
PROTEIN FOAMS	PYROELECTRICITY
PROTEINS	PYROHYDROLYSIS
PROTOTYPES	PYROLYSIS
PSYCHOLOGICAL EFFECTS	*PYROLYSIS HEAT USE HEAT OF PYROLYSIS
PSYCHOLOGY	PYROLYSIS MODELS
PUBLIC AWARENESS	PYROLYSIS PRODUCTS
PUBLIC BUILDINGS	PYROLYSIS RATE
PUBLIC OPINION	*PYROLYSIS REACTIONS USE PYROLYSIS
PULSATING DETONATIONS	PYROLYSIS TEMPERATURE
PULSED TRANSMISSION LINE DETECTOR BT LINE DETECTORS	PYROLYTIC GRAPHITE
PUMICE	PYROLYTIC MATERIALS
PUMPER SPECIFICATIONS	PYROMANIACS
PUMPERS	PYROMETALLURGY
#PUMPS	PYRODOME (TRADE NAME)
PURGING	PYROMETERS
PURPLE K RT POTASSIUM BICARBONATE	*PYROMETRY USE TEMPERATURE MEASUREMENT
*PURPLE K POWDER USE PURPLE K	PYROPHORIC IGNITION
*PVC USE POLYVINYL CHLORIDE	PYROPHORIC MATERIALS
PYRANOSE COMPOUNDS	PYROPHORIC METALS
PYRENE G-1 POWDER	PYROTECHNICS

-- P --

PYROVATEX CP

PYRUVIC ACID

Terms Beginning With Q

QUALITATIVE ANALYSIS

QUALITY CONTROL

QUALITATIVE FIT TEST

QUANTITATIVE ANALYSIS

QUANTITATIVE FIT TEST

QUARTERPHENYL

QUARTZ

#QUENCHING

QUENCHING DIAMETER

QUENCHING DISTANCE

QUENCHING LIMITS

QUESTIONNAIRES

QUIESCENT ATMOSPHERES

QUINOXALINE COPOLYMER

Terms Beginning With R

RACEWAYS

\*RACK STORAGE  
USE PALLET STORAGE

RADAR DETECTION

RADIANT COOLING

RADIANT ENERGY

RADIANT FLUX PROFILE

RADIANT HEATING

RADIANT PANEL TEST METHOD

RADIATING GASES

#RADIATION

#RADIATION ABSORPTION

\*RADIATION ALARMS  
USE RADIATION WARNING SYSTEMS

RADIATION BELTS

\*RADIATION BIOLOGY  
USE RADIOBIOLOGY

RADIATION BURNS

RADIATION CONVECTION INTERACTION

RADIATION DAMAGE

RADIATION DETECTORS

RADIATION HAZARDS

RADIATION HEAT FLUX

\*RADIATION HEAT TRANSFER  
USE RADIATIVE HEAT TRANSFER

\*RADIATION HEATING  
USE RADIANT HEATING

RADIATION IGNITION

RADIATION INJURIES

\*RADIATION INSTRUMENTS  
USE RADIATION DETECTORS

RADIATION MEASUREMENTS

RADIATION MEDICINE

RADIATION MODELING

RADIATION PROTECTION

RADIATION PYROMETERS

RADIATION SHIELDING

RADIATION WARNING SYSTEMS

RADIATIVE HEAT LOSS

RADIATIVE HEAT TRANSFER

\*RADIATIVE TRANSFER  
USE RADIATIVE HEAT TRANSFER

RADICAL CONCENTRATIONS

RADIO EQUIPMENT

\*RADIO FREQUENCY MASS SPECTROMETERS  
USE MICROWAVE SPECTROMETERS

RADIO WAVES

RADIOACTIVE KRYPTON

RADIOACTIVE MATERIALS

RADIOACTIVE WASTES

RADIOBIOLOGY

RADIOCHEMICAL RELEASE

RADIOGRAPHY



RADIOMETERS	REACTION TIME
RAE IGNITION TESTER	REACTION ZONE
RAILROAD ACCIDENTS	#REACTIONS
RAILROAD FIRES	*REACTOR SAFETY USE NUCLEAR REACTOR SAFETY
RAILROAD SAFETY	*RECIPROCATING ENGINES USE PISTON ENGINES
RAILROAD TERMINALS	
RAILROADS	RECOMBINATION REACTIONS
RAINFALL	*RECOMPRESSION SYSTEM USE COMPRESSING
RAMP-LIKE STRUCTURES	
RAMPS (STRUCTURES)	RECORDS
RARE GASES	RECORDS MANAGEMENT
RATE CONTROLLING REACTIONS	RECORDS RESTORATION
*RATE OF REACTION USE REACTION RATE	RECORDS STORAGE
RATE OF RISE DETECTORS	#RECOVERY
#RATES	RECOVERY VEHICLES
#RATINGS	REENTRY VEHICLES
RAW MATERIALS	REFINERIES
RAYLEIGH LIGHT SCATTERING	REFLECTANCE
RAYLEIGH NUMBER	*REFLECTIVITY USE REFLECTANCE
RAYON	REFLECTOMETERS
REACTION KINETICS	REFRACTIVE INDEX SA REFRACTIVITY
*REACTION MECHANISMS USE REACTION KINETICS	REFRACTIVITY
REACTION MODELS	REFRACTORIES
REACTION RATE	REFRACTORY COATINGS
	REFRACTORY MATERIALS

REFRIGERANT-12	RESIDENTIAL BUILDINGS
REFRIGERATION	*RESIDENTIAL FIRES
REFUELING	USE BUILDING FIRES AND RESIDENTIAL BUILDINGS
REFUGE	RESIDUAL DIFFERENCE
REGRESSION RATE	RESIDUAL FLAME TIME
REGULATIONS	RESIDUES
REHABILITATION	RESILIENCE
*REHEATING	RESINS
USE HEATING	#RESISTANCE
*REIGNITION	*RESISTIVITY
USE IGNITION	USE ELECTRICAL RESISTIVITY
REINFORCED CONCRETES	RESONANCE TUBES
REINFORCED PLASTICS	RESOURCE ALLOCATION
#REINFORCEMENT	RESOURCES
REINFORCING FIBERS	RESPIRATION
RELIABILITY	RESPIRATORS
RELIEF DIAPHRAGMS	RESPIRATORY SYSTEM
RELIEF VALVES	RESPONSE TIME
REPRODUCIBILITY	RESTAURANTS
RESIDUAL DIFFERENCE	RESTRAINT
RESCUE	RESUSCITATION
*RESCUE KITS	RETICULATED FOAMS
USE SURVIVAL KITS	RETIMET (TRADEMARK)
RESCUE OPERATIONS	*RETINAL BURNS
*RESEARCH CENTERS	USE CHORIORETINAL BURNS
USE RESEARCH FACILITIES	RETRIEVAL TERMS
RESEARCH FACILITIES	

\*REVIEWS

USE LITERATURE REVIEWS

REYNOLDS NUMBER

REYNOLDS NUMBER TRANSITION

RHEOLOGY

RHOVYL KNIT

REID VAPOR PRESSURE

RIGID FOAMS

RIOTS

#RISE

RISK ANALYSIS

RISK ASSESSMENT

RISK MANAGEMENT

RISKS

ROCKET EXHAUST

ROCKET ENGINES

ROCKET OXIDIZERS

\*ROCKET PROPELLANT STORAGE

USE PROPELLANT STORAGE

ROCKET PROPELLANTS

ROCKS

ROHM AND HAAS XP2 SMOKE DENSITY TEST

ROOF VENTS

ROOFING (FINISHES)

\*ROOFING MATERIALS

USE ROOFING (FINISHES)

ROOFS

ROOM BURNS

ROOM FIRES

ROOMS

ROVANA

ROXEL FABRICS

RP-1

RUBBER

RUBIDIUM

RUBIDIUM FIRES

\*RUGS

USE CARPETS

\*RULES

USE REGULATIONS

RUNWAY FOAMING

RUNWAYS

RURAL FIRES

RURAL POPULATION

Terms Beginning With S

SAFE HANDLING	SATEEN
SAFE SEPARATION DISTANCE	SATURATION
SAFETY	SATURN 5 LAUNCH VEHICLES
SAFETY CHECKLISTS	SATURN VEHICLES
SAFETY DEVICES	SAWDUST
SAFETY ENGINEERING	SCALDS
SAFETY EVALUATION	SCALE (CORROSION)
SAFETY FACTORS	SCALE EFFECT
SAFETY FUELS	SCALE MODELS
*SAFETY HAZARDS USE HAZARDS	SCALE (RATIO)
SAFETY LAMPS	SCALES (WEIGHT)
*SAFETY MEASURES USE SAFETY	SCALING
*SAFETY RULES USE SAFETY STANDARDS	SCALING LAWS
SAFETY STANDARDS	SCENARIOS
SALT COATED SURFACES	SCHLIEREN PHOTOGRAPHY
SALT WATER	SCHLYTER PANEL TESTS
SALT WATER MODELS	SCHOOLS
#SALTS	SCORCHING
SALVAGE	SCREAMING COMBUSTION
SAMPLING	SEA WATER
SAND	*SEALANTS USE SEALERS
SANDWICH PANELS	SEALERS
SARAN (TRADEMARK)	SEALS
	SEAPORTS



SEATS	SEPTIC TANKS
RT COUCHES	SERVICE MODULES
CUSHIONS	SERVICES
PILLOWS	SERVOCONTROL
SECOND STAGE FLAMES	*SH50 HYDRAULIC FLUID
SECOND STAGE IGNITION	USE HYDRAULIC FLUIDS
SEISMOGRAPHS	SHADOW PHOTOGRAPHY
SELF-CONTAINED BREATHING APPARATUS	SHAG CARPETS
NT DEMAND TYPE APPARATUS	SHALES
SELF-CONTROL	SHEAR STRESS
SELF-EXTINGUISHMENT	SHEATHED EXPLOSIVES
SELF-HEATING	SHEETING
*SELF IGNITION	SHEETS
USE AUTOIGNITION	SHELF LIFE
*SELF IGNITION TEMPERATURE	SHELTERS (FALLOUT)
USE AUTOIGNITION TEMPERATURE	SHIELDING
*SELF-OXIDATION	*SHIP PORTS
USE AUTOXIDATION	USE SEAPORTS
SELF-SEALING FUEL TANKS	SHIPBOARD FIRES
SEMICONDUCTOR DEVICES	SHIPS
SEMICONDUCTORS	#SHOCK
*SEMINARS	SHOCK HAZARDS
USE CONFERENCES	SHOCK IGNITION
SENSITATION	SHOCK RESISTANCE
SENSITIVITY	*SHOCK SENSITIVITY
SENSITIVITY ANALYSIS	USE SHOCK RESISTANCE
SENSITIZERS	SHOCK TUBES
#SENSORS	
SEPARAN AP273	



SHOCK WAVE IGNITION

SHOCK WAVES

SHOPPING CENTERS

SHORT CIRCUITS

SHRINKAGE

SIDEWALL SPRINKLER SYSTEMS

SIDING

RT LUMBER

SIGNAL DETECTION

SIGNALS

SIGNS AND SYMPTOMS

SIKORSKY AIRCRAFT

SILANES

SILICA

SILICON

SILICON CARBIDES

SILICON COMPOUNDS

SILICON DIOXIDE

SILICON OXIDES

SILICON RUBBER

SILICON TETRAFLUORIDE

SILICONES

SILK

SILOXANES

SILVER

SIMULATION

SIMULATORS

SINGLE FAMILY DWELLINGS

SINKS

SIRENS

SITE SURVEYS

SIZE DISTRIBUTION

SKIN BURNS (HUMAN)

SKIN (HUMAN)

SKIN PROTECTIVE AGENTS

SKYBOND 700 (TRADEMARK)

SKYLAB PROGRAM

SLABS (MEMBERS)

SLASH FUELS

SLEEP

SLEEPING BAGS

SLIPPERY WATER

SLOSHING

SLURRIES

SMALL SCALE FIRE TESTS

SMOG

SMOKE

SMOKE ABATEMENT

SMOKE BARRIERS

SMOKE CELL

SMOKE CHAMBER TEST

SMOKE CHAMBERS

SMOKE COAGULATION

SMOKE CONTROL

SMOKE DAMPERS

SMOKE DENSITY

SMOKE DENSITY CHAMBERS

SMOKE DENSITY RATINGS

SMOKE DETECTION

SMOKE DETECTORS

SMOKE FILLING

SMOKE GENERATION

SMOKE GENERATORS

SMOKE HAZARDS

SMOKE INHALATION

SMOKE LAYERS

SMOKE MEASUREMENT

SMOKE METERS

SMOKE MOVEMENT

SMOKE OPACITY

SMOKE PARTITIONS

SMOKE POINTS

SMOKE PRODUCTION

SMOKE RETARDANTS

SMOKE TRANSPORT

SMOKE VENTS

SMOKE YIELD

\*SMOKESTACKS  
USE CHIMNEYS

SMOKING

SMOLDERING

SMOLDERING COMBUSTION

SMOLDERING IGNITION

SMOLUCHOWSKI EQUATION

SMOOTH SURFACE TEST

SMOTHERING

SNAP 19

SNORKELS

SOCIAL LEARNING THEORY

SODA ACID

SODIUM

SODIUM AMIDES

SODIUM BICARBONATE

SODIUM BORATES

SODIUM CARBONATES

SODIUM CHLORIDES

SODIUM CHLORATE

SODIUM COMPOUNDS

SODIUM DICHROMATES

SODIUM FIRES

SODIUM HYDROXIDES

SODIUM OXALATE

SODIUM PERBORATE

\*SOFAS  
USE COUCHES

SODIUM SILICATES

\*SOFTWARE (COMPUTERS)  
USE COMPUTER PROGRAMS

SOFTWOOD

SOIL TEMPERATURES

SOLAR BLINDS

SOLAR CELLS

SOLAR COLLECTORS

SOLAR ENERGY

SOLAR RADIATION

SOLID FUELS

SOLID PHASES

SOLID PROPELLANT IGNITION

\*SOLID PROPELLANT RESTRICTORS  
USE COMBUSTION INHIBITORS

SOLID PROPELLANTS

SOLID ROCKET BINDERS

SOLID ROCKET OXIDIZERS

SOLID ROCKET PROPELLANTS

SOLID SPHERES

SOLID SURFACES

SOLIDS

SOLUBILITY

\*SOLUTION HEAT  
USE HEAT OF SOLUTION

SOLVENTS

SONIC BOOMS

SOOT

SOOT FORMATION

SOOT REMOVAL

SOURCE TEMPERATURE

#SOURCES

SPACE CHARGE

SPACE CREWS

SPACE DEBRIS

\*SPACE ENVIRONMENT  
USE AEROSPACE ENVIRONMENTS

SPACE FLIGHT

\*SPACE MEDICINE  
USE AEROSPACE MEDICINE

SPACE MISSIONS

SPACE SHUTTLE

SPACE SIMULATORS

SPACE STATIONS

SPACE SUITS

\*SPACE SURVIVAL  
USE SURVIVAL IN SPACE

\*SPACE SYSTEMS ENGINEERING  
USE AEROSPACE ENGINEERING

*SPACE VEHICLES USE SPACECRAFT	*SPATIAL ORIENTATION USE ATTITUDE (INCLINATION)
SPACECRAFT	SPECIES CONCENTRATIONS
SPACECRAFT ACCIDENTS	SPECIFIC HEAT
SPACECRAFT CABIN ATMOSPHERES	SPECIFICATIONS
SPACECRAFT COMPONENTS	#SPECTRA
SPACECRAFT ELECTRONIC EQUIPMENT	SPECTRAL ABSORPTIVITY
SPACECRAFT ENVIRONMENTS	SPECTRAL EMISSIVITY
SPACECRAFT FIRES	SPECTROMETERS
SPACECRAFT MATERIALS	SPECTROPHOTOMETRY
SPACECRAFT MODELS	*SPECTROSCOPIC MEASUREMENTS USE SPECTROSCOPY
SPACECRAFT PROPULSION	SPECTROSCOPY
SPACECRAFT SHIELDING	SPHERES
SPACECRAFT SIMULATION	SPONTANEOUS COMBUSTION
SPACING	*SPONTANEOUS IGNITION USE AUTOIGNITION
SPALLING	SPRAY DRY CURE PROCESS
SPANDEX (TRADEMARK)	SPRAY FORMATION
*SPARK DISCHARGES USE ELECTRIC SPARKS	SPRAY NOZZLES
SPARK GUARDS	SPRAY QUENCHING
SPARK IGNITION	SPRAY SPRINKLERS
SPARK-O-MAT (TRADEMARK)	SPRAYERS
#SPARKS	SPRAYING
*SPARKS (ELECTRIC) USE ELECTRIC SPARKS	SPRAYS
*SPARKS (FRICTIONAL) USE FRICTION SPARKS	SPRINKLER DEFLECTORS
	SPRINKLER HEADS



SPRINKLER RESPONSE	STEADY STATE
SPRINKLER SYSTEMS	STEADY STATE GASIFICATION
SPRINKLERS	STEEL BEAMS
SA SPRINKLER SYSTEMS	STEEL STRUCTURES
STABILITY	STEELS
STABILIZERS (AGENTS)	*STEINER TUNNEL TEST USE ASTM E84
STACK EFFECT	ST. LAWRENCE POWER PROJECT
STACKS (EXHAUST)	STOICHIOMETRY
STADIUMS	STOICHIOMETRIC MIXTURES
STAGNATION POINT	#STORAGE
STAINLESS STEELS	*STORAGE BUILDINGS USE STORAGE AND WAREHOUSES
STAIRWAYS	STORAGE LIFE
STAIRWELLS	STORAGE RACKS
STANDARD FLAMMABILITY APPARATUS	STORAGE STABILITY
STANDARDIZATION	STORAGE TANKS
STANDARDS	STORMS
STANDPIPES	STOVES
STARDUST DISCO	STRATIFICATION
STATE TRANSITION	STRATIFIED FLOW
STATIC ELECTRICITY	STREAK PHOTOGRAPHY
STATIC DYNAMIC TESTS	#STRESS
STATIC FRICTION	STRESS (MECHANICS)
STATISTICAL ANALYSIS	STRESS (PHYSIOLOGY)
STATISTICAL SAMPLING	STRESS (PSYCHOLOGY)
STATISTICS	



STRETCHERS	SUGARS
STRONG DETONATIONS	SULFATE ESTERS
STRUCTURAL ENGINEERING	SULFONATES
STRUCTURAL FAILURE	SULFUR
*STRUCTURAL MATERIALS USE CONSTRUCTION MATERIALS	SULFUR COMPOUNDS
STRUCTURAL MEMBERS	SULFUR DIOXIDE
STRUCTURAL STABILITY	SULFUR HEXAFLUORIDE
STRUCTURES	SULFUR OXIDES
STUDENTS	SULFURIC ACID
*STUDIES USE INVESTIGATIONS	*SUPERALLOYS USE HEAT RESISTANT ALLOYS
STYRENES	SUPERCONDUCTIVITY
STYROFOAM (TRADEMARK)	SUPERCritical PRESSURES
SUBCRITICAL PRESSURES	SUPERCritical TEMPERATURES
SUBCRITICAL TEMPERATURES	SUPERSONIC AIRCRAFT
SUBLIMATION	SUPERSONIC COMBUSTION
*SUBLIMATION HEAT USE HEAT OF SUBLIMATION	SUPERSONIC HEAT TRANSFER
SUBMARINE ACCIDENTS	SUPERSONIC TRANSPORTS
SUBMARINE ATMOSPHERE	SUPRASIL
SUBMARINE FIRES	*SURFACE COATING USE COATINGS
SUBMARINE SIMULATORS	SURFACE COOLING
SUBMARINES	SURFACE EFFECTS
SUBSTRATES	*SURFACE EROSION USE EROSION
SUBWAYS RT TUNNELS	SURFACE FIRES
	SURFACE HEAT

\*SURFACE IGNITION  
USE IGNITION

\*SURFACE PRESSURE  
USE PRESSURE

SURFACE PROPERTIES

SURFACE TEMPERATURE

SURFACE TENSION

SURFACE-VOLUME RATIO

SURFACTANTS

SURVEYS

SURVIVAL

SURVIVAL AT SEA

SURVIVAL CLOTHING

SURVIVAL EQUIPMENT

SURVIVAL IN SPACE

SURVIVAL KITS

SURVIVAL TRAINING

SUSPENSIONS

SWEAT COOLING

SWELLING

\*SYMPOSIA  
USE CONFERENCES

\*SYMPTOMS  
USE SIGNS AND SYMPTOMS

SYNERGISTIC EFFECTS

SYNTHETIC FABRICS

SYNTHETIC FIBERS

SYNTHETIC MATERIALS

SYNTHETIC RESINS

SYNTHETIC RUBBERS

SYRINGYL

#SYSTEMS

SYSTEMS ANALYSIS

\*SYSTEMS DESIGN  
USE SYSTEMS ENGINEERING

SYSTEMS ENGINEERING

SYSTEMS FAILURES

SYSTEMS SAFETY

## Terms Beginning With T

T-56 ENGINE	TECHNOLOGY SURVEYS
*TAG CLOSED CUP METHOD USE TAG CUP METHOD	TECHNOLOGY TRANSFER
TAG CUP METHOD	TECHNOLOGY UTILIZATION
*TAG OPEN CUP METHOD USE TAG CUP METHOD	*TEF POWDER USE TERNARY EUTECTIC FLUORIDE POWDER
*TAGLIABUE CUP METHOD USE TAG CUP METHOD	TEFLON (TRADEMARK)
TAGUCHI GAS SENSOR (TRADEMARK)	TELEPHONES
TALC	TELESMOKE (TRADEMARK)
*TALL BUILDINGS USE HIGH RISE BUILDINGS	TELEVISION
TANK FAILURES	TEMPERATURE
TANK FIRES	TEMPERATURE CONTROL
TANK TRUCKS	*TEMPERATURE DETERMINATION USE TEMPERATURE MEASUREMENTS
TANKER SHIPS	TEMPERATURE DIFFERENCES
TANKS (CONTAINERS)	TEMPERATURE DISTRIBUTION
TARS	TEMPERATURE EFFECTS
*TB-25N AIRCRAFT USE B-25 AIRCRAFT 20	TEMPERATURE FIELD
*TBPP USE TRI(DIBROMOPROPYL)PHOSPHATE	TEMPERATURE FLUCTUATIONS
TEAR STRENGTH	TEMPERATURE GRADIENTS
*TEC POWDER USE TERNARY EUTECTIC CHLORIDE POWDER	*TEMPERATURE INDICATORS USE INDICATING INSTRUMENTS AND TEMPERATURE MEASURING INSTRUMENTS
*TECHNOLOGICAL SURVEYS USE TECHNOLOGY SURVEYS	TEMPERATURE INVERSIONS
TECHNOLOGY ASSESSMENT	TEMPERATURE MEASUREMENTS
	TEMPERATURE MEASURING INSTRUMENTS
	TEMPERATURE RATINGS

TEMPERATURE RISE	TETRAFLUORIDE
TEMPERATURE TRANSDUCERS	TETRAFLUOROETHYLENE
TEMPERATURE WARNING SYSTEMS	TETRAFLUOROHYDRAZINE
TENABILITY LIMITS	TETRAFLUROMETHANE
TENSILE STRENGTH	*TETRAKIS (HYDROXYMETHYL) PHOSPHONIUM HYDROXIDE USE THPOH
TENTS	
TERMINAL FACILITIES	TEXAS
TERMINAL VELOCITY	TEXTILES
TERNARY EUTECTIC CHLORIDE POWDER	TFE/H (TRADEMARK)
TERNARY EUTECTIC FLUORIDE POWDER	THATCH
TERPHENYL	THERAPY
TEST CHAMBER FIRES	THERMAL ANALYSIS
TEST CHAMBERS	THERMAL BURNS
#TEST EQUIPMENT	*THERMAL CONDUCTION USE CONDUCTION AND HEAT TRANSMISSION
TEST FACILITIES	
TEST FIRES	THERMAL CONDUCTIVITY
TEST METHODS	THERMAL CONDUCTIVITY DETECTORS
*TEST PROGRAMS USE TESTS	THERMAL CONVECTION
*TESTERS USE TEST EQUIPMENT	THERMAL CRACKING (CHEMISTRY)
*TESTING USE TESTS	THERMAL DECOMPOSITION
*TESTING CENTERS USE TEST FACILITIES	THERMAL DEGRADATION
#TESTS	*THERMAL DETECTORS USE HEAT DETECTORS
TETRACHLOROETHYLENE	THERMAL DIFFUSION
	THERMAL DIFFUSIVITY



THERMAL DISSOCIATION

\*THERMAL EFFECTS

USE TEMPERATURE EFFECTS

THERMAL EMISSION

THERMAL ENERGY

THERMAL EQUILIBRIUM

THERMAL EXPLOSIONS

\*THERMAL GRAVIMETRIC ANALYSIS

USE THERMOGRAVIMETRIC ANALYSIS

THERMAL IGNITION

THERMAL INERTIA

THERMAL INSTABILITY

THERMAL INSULATION

THERMAL OXIDATION

THERMAL OXIDATIVE DEGRADATION

THERMAL PROPERTIES

THERMAL PROTECTION

THERMAL RADIATION

THERMAL REACTIONS

THERMAL RESISTANCE

THERMAL RESISTIVITY

\*THERMAL SHIELDING

USE HEAT SHIELDING

THERMAL STABILITY

THERMAL STRESSES

THERMAL TRANSIENTS

THERMAL VOLATILIZATION ANALYSIS

THERMALS

THERMATIC (TRADEMARK)

THERMIONIC EMISSION

THERMISTORS

THERMOCHEMISTRY

THERMOCOUPLES

THERMODYNAMIC PROPERTIES

THERMODYNAMICS

THERMOELASTICITY

THERMOELECTRIC GENERATORS

THERMOGRAMS

THERMOGRAVIMETRIC ANALYSIS

THERMOGRAVIMETRY

THERMOLIN 101 (TRADEMARK)

\*THERMOMECHANICS

USE THERMODYNAMICS

THERMOMETERS

THERMOOXIDATION

THERMOPHYSICAL PROPERTIES

\*THERMOPHYSICS

USE THERMODYNAMICS

THERMOPILES

THERMOPLASTIC FABRICS

\*THERMOPLASTIC RESINS

USE THERMOPLASTICS

THERMOPLASTICS



THERMOSETTING RESINS

\*THERMOSTABILITY

USE THERMAL STABILITY

\*THERMOVOLATILIZATION ANALYSIS

USE THERMAL VOLATILIZATION  
ANALYSIS

THICKENERS (MATERIALS)

THICKNESS

THIOLS

THIOPLASTICS

\*THIXOTROPIC PROPELLANTS

USE GELLED ROCKET PROPELLANTS

THOMAS DOMES

THPC

THPOH

THRESHOLD DETECTORS (DOSIMETERS)

THYMINE PHENOL

TIMBER

\*TIMBER STRUCTURES

USE WOODEN STRUCTURES

TIME

TIME CONSTANT

\*TIME DELAY

USE TIME LAG

TIME ESTIMATION

TIME LAG

TIME MEASUREMENT

TIME PREDICTION

TIN

TIN OXIDES

TITANIUM

TITANIUM ALLOYS

TITANIUM COMPOUNDS

TOLERANCES (MECHANICS)

TOLERANCES (PHYSIOLOGY)

TOLUENE

TOPOGRAPHY

TORCH FLAME TESTS

TOXIC GASES

TOXIC HAZARDS

TOXIC PRODUCTS

TOXICITY

TOXICITY TEST METHODS

TOXICOLOGY

TRACER TESTS

TRACERS

TRAILERS

\*TRAINERS

USE TRAINING DEVICES

TRAINING

TRAINING AIRCRAFT

TRAINING DEVICES

TRAINING MANUALS

TRAINING SIMULATORS

TRANSDUCERS

#TRANSFER

\*TRANSFORMATION HEAT  
USE HEAT OF TRANSFORMATION

TRANSFORMERS

TRANSMISSION

TRANSMISSIVITY

TRANSPIRATION

TRANSPORT AIRCRAFT

TRANSPORT EQUATION

TRANSPORT PROCESSES

TRANSPORT PROPERTIES

TRANSPORTATION

TRASH

#TREATMENT

TRENDS

TRI FLAMMABILITY ANALYZER

TRIALLYL PHOSPHATE

TRICHLOROETHANE

TRICHLOROETHYLENE

TRICHLOROFLUOROMETHANE  
SA HALON 113

TRICHLOROTRIFLUOROETHANE  
SA HALON 233

TRICRESYLPHOSPHATE

TRI(DIBROMOPROPYL) PHOSPHATE

\*TRIFLUOROBROMOMETHANE  
USE BROMOTRIFLUOROMETHANE  
SA HALON 1301

TRIFLUOROPROPYLENE

TRIMETHOXYBOROXINE

TRIMETHYL PHENOL

TRIMOLECULAR REACTIONS

TRIPLE BASE ROCKET PROPELLANTS

TRIS(DIPHENYLAMINOMETHYL) PHOSPH.

TRIS(HYDROXYMETHYL) PHOSPHINE

TRUCKS

TUNNEL FURNACES

TUNNEL TESTS

TUNNELS

TURBINE ENGINES

TURBINES

TURBOFAN ENGINES

TURBOJET ENGINES

TURBOPROP ENGINES

TURBULENCE

TURBULENT BURNING

TURBULENT BURNING VELOCITY

TURBULENT CONVECTION

TURBULENT FLAMES

TURBULENT FLOW

\*TURBULENT FREE FLAMES  
USE TURBULENT FLAMES

TURBULENT HEAT TRANSFER

TURBULENT JET FLAMES

TURBULENT JETS

TURKEY

TURNOUT COATS

TWISTED WIRE LINE DETECTORS  
BT LINE DETECTORS

TWO STAGE IGNITION

Terms Beginning With U

UH-1 HELICOPTER	UNSYMMETRICAL DIMETHYLHYDRAZINE
UL-94	SA AEROZINE 50
UL-484	UNZIPPING
UL STANDARDS	UPHOLSTERED FURNITURE
ULLAGE	UPHOLSTERY
ULTRASONICS	UPRIGHT SPRINKLERS
ULTRAVIOLET ABSORPTION	URANIUM
ULTRAVIOLET DETECTORS	URBAN FIRES
ULTRAVIOLET INHIBITORS	UREA FORMALDEHYDE RESINE
ULTRAVIOLET RADIATION	UREA FORMALDEHYDES
*ULTRAVIOLET SENSORS USE ULTRAVIOLET DETECTORS	UREAS
ULTRAVIOLET SPECTROSCOPY	URETHANES
UNDECANES	
UNDERGROUND EXPLOSIONS	
UNDERGROUND STORAGE	
*UNDERLAYMENTS USE CARPER UNDERLAYS	
UNDERWATER CHAMBERS	
UNDERWATER EXPLOSIONS	
UNIMOLECULAR DECOMPOSITON	
UNIMOLECULAR REACTIONS	
UNIVERSITIES	
UNSATURATED POLYESTER RESINS	
UNSTABLE BURNING	
UNSTEADY FLOWS	

Terms Beginning With V

VACUUM CHAMBERS	VENTING
VACUUM EFFECTS	VENTS
VACUUM PUMPS	VEREL (TRADEMARK)
VALIDATION	VERIFICATION ACCEPTANCE
VALVES	VERIFICATION INSPECTION
VAN DER WAALS FORCES	VERMICULITE
VANGUARD (TRADEMARK)	VERTICAL PARALLEL PLATES
VAPOR DETECTION	VERTICAL TESTS
VAPOR PHASES	VIBRATING FLAMES
VAPOR PRESSURE	VIBRATION
VAPOR RATE	VINYL ACETATES
VAPORIZATION	VINYL CHLORIDE
*VAPORIZATION HEAT USE HEAT OF VAPORIZATION	VINYL FLOORING
VAPORIZING LIQUIDS	VINYL PLASTICS
VAPORS	VINYL POLYMERS
#VEHICLES	VINYL RESINS
VELCRO	VINYLLITE (TRADEMARK)
VELOCITY	VIRIAL COEFFICIENT
VELOCITY MEASUREMENT	VISOELASTICITY
*VENTILATING USE VENTILATION	VISCOSE
*VENTILATING DUCTS USE VENTILATION	VISCOSE SOLUTION
VENTILATION	VISCOSITY
VENTILATION SYSTEMS	VISCOUNT AIRCRAFT
	VISCOUS FLOW
	VISIBILITY



VSTOL AIRCRAFT

VISUAL INSPECTION

VITON

VOID SPACES

VOIDING CONCEPT

VOLATILITY

\*VOLTAGE

USE ELECTRIC POTENTIAL

VOLTAGE SPIKES

VOLUME

VORTEX PAIRS

VORTEX RINGS

VORTEX SHEDDING

VORTEX STRENGTH

VORTICITY

Terms Beginning With W

WAKEFULNESS

WALL FINISHES

WALL LININGS

WALL PRESSURE

WALL TEMPERATURE

WALLBOARD

WALLPAPER

WALLS

WAREHOUSES

\*WAREHOUSING

USE STORAGE AND WAREHOUSES

WARM AIR HEATING

\*WARNING DEVICES

USE WARNING SYSTEMS

\*WARNING INDICATORS

USE WARNING SYSTEMS

WARNING SYSTEMS

WASTE DISPOSAL

WATER

WATER CURTAINS

WATER DAMAGE

WATER DISTRIBUTION

WATER FLOW

WATER FOG

WATER INJECTION

\*WATER JETS

USE HYDRAULIC JETS

WATER LOSS

WATER PRESSURE

WATER SERVICES

WATER SOLUBILITY

WATER SPRAYS

WATER STORAGE

WATER SUPPLY

WATER TANKS

WATER VAPOR

WATERPROOF COATINGS

WATERPROOFING

WAVE STRUCTURE

#WAVES

WEAR DETONATION

WEATHER EFFECTS

WEIGHT INDICATORS

WEIGHT LOSS

WEIGHT LOSS RATE

WEIGHTLESSNESS

WELDING

WELL FIRES

WET SPRINKLER SYSTEMS

\*WET WATER

USE SLIPPERY WATER

WETTING

WETTING AGENTS

WHIFFLE BALLS

WHISKER COMPOSITES

WICKS

WILDLAND FIRES

WIND DIRECTION

WIND EFFECTS

\*WIND SPEED  
USE WIND VELOCITY

WIND TUNNELS

WIND VELOCITY

WINDOWS

WIRES

\*WIRING  
USE WIRES

\*WOMEN  
USE FEMALES

WOOD

WOOD PRESERVATIVES

WOODEN STRUCTURES

WOOL

WOOL FABRICS

\*WORKSHOPS  
USE CONFERENCES

WOVEN FABRICS

WRECKAGE

Terms Beginning With X

X-400 (FABRICS)

X RAY DIFFRACTION

X RAY FLUORESCOPE

X RAY INSPECTION

X RAY SPECTROSCOPY

XB-70 AIRCRAFT

XENON

\*XP2 CHAMBER TEST

USE ROHM AND HAAS XP2 SMOKE  
DENSITY TEST

XYLENE

Terms Beginning With Y

YARD HYDRANTS

\*YELLOWING  
USE DISCOLORATION



Terms Beginning With Z

\*ZERO GRAVITY  
USE WEIGHTLESSNESS

ZINC

ZINC BORATES

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U.S. DEPT. OF COMM. <b>BIBLIOGRAPHIC DATA SHEET</b> (See instructions)		1. PUBLICATION OR REPORT NO. NBSIR 87- 3545	2. Performing Organ. Report No.	3. Publication Date April 1987
4. TITLE AND SUBTITLE  FIREDOC Vocabulary List, 2nd edition				
5. AUTHOR(S)  Nora H. Jason				
6. PERFORMING ORGANIZATION (If joint or other than NBS, see instructions)  NATIONAL BUREAU OF STANDARDS DEPARTMENT OF COMMERCE <del>WASHINGTON, D.C. 20510</del> Gaithersburg, MD 20899			7. Contract/Grant No.	8. Type of Report & Period Covered
9. SPONSORING ORGANIZATION NAME AND COMPLETE ADDRESS (Street, City, State, ZIP)				
10. SUPPLEMENTARY NOTES  <input type="checkbox"/> Document describes a computer program; SF-185, FIPS Software Summary, is attached.				
11. ABSTRACT (A 200-word or less factual summary of most significant information. If document includes a significant bibliography or literature survey, mention it here)  The second edition of the FIREDOC Vocabulary List contains over 4000 entries and reflects the subject matter of published reports, articles and documents comprising the Fire Research Information Services (FRIS) collection. As the database becomes more retrospective, the keywords will reflect the addition of these references from the collection.				
12. KEY WORDS (Six to twelve entries; alphabetical order; capitalize only proper names; and separate key words by semicolons)  fire research; indexes (documentation); retrieval terms				
13. AVAILABILITY  <input checked="" type="checkbox"/> Unlimited <input type="checkbox"/> For Official Distribution. Do Not Release to NTIS <input type="checkbox"/> Order From Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.  <input checked="" type="checkbox"/> Order From National Technical Information Service (NTIS), Springfield, VA. 22161			14. NO. OF PRINTED PAGES  114  15. Price  \$18.95	

